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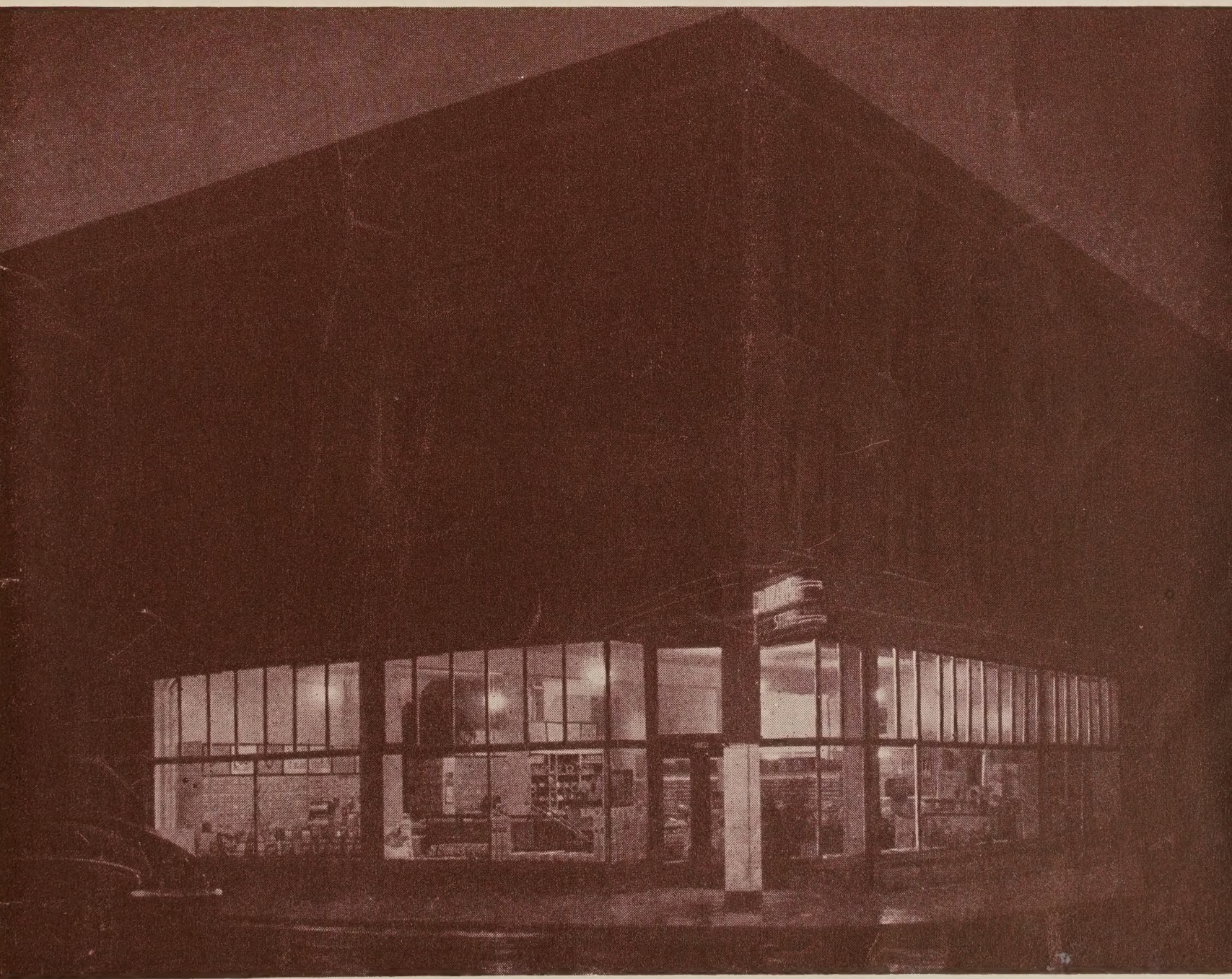
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U S Department of Agriculture

BUTZER'S SEEDS

The Kind that Grow
"You can't keep them in the ground"



BUTZER'S SEED STORE

CORNER S.W. SECOND and MAIN • PORTLAND, ORE.

ATTENTION MAIL ORDER CUSTOMERS!

Our new mail order department is now prepared to give efficient service within 16 hours upon receipt of your order. If any item cannot be supplied, you will be promptly notified. **ECONOMIZE BY BEING WISE!** Let *Butzer's Silent Salesman* assist you in making your selections early. Be in readiness for spring!

"Shop the BUTZER WAY without delay
Mail your order this very day."

Remember!

"When the rain begins to cease,
Be prepared to plant in ease."

SUGGESTIONS FOR ORDERING

Order in January or February if possible before the spring rush begins. March and April are our busy months and our full force works day and night at high speed. Now to help both you and us we will allow a ten per cent discount on all orders of \$1.50 or more in one order (except collections, field seeds and fertilizers, which are net), that are received up to March first. Every order filled during January and February helps us just that much and we are passing this on to you.

REMITTANCES—Should be made by post office money order, express money order, or bank draft, for a sufficient amount to cover the entire order and postage, if any. Do not send currency. Should it be lost there is no recourse. Stamps of three cent denomination will be accepted for small amounts.

PARCEL POST—Unless otherwise stated, we pay postage on all seeds and bulbs quoted in this catalogue in the first and second zones. On orders in larger quantity at "not prepaid" prices stated in the catalogue you pay the postage, express or freight. In such cases it will be necessary for you to send postage extra if you want it by parcel post, but if it is to be sent by freight or express you can pay the transportation charges at your freight or express office when you re-

ceive the goods. If you do not know the zone you are in from Portland your postmaster or R.F.D. carrier can tell you. Parcel Post rates apply on weights up to 70 pounds in all zones. Parcel Post rates are usually cheaper than express, with the added advantage of having the parcel delivered to your door.

RETURNING MONEY—If we cannot fill your order for any item we will at once return the money sent for same. We will not keep your money without adequate returns to you, or substitute something you do not want.

CORRESPONDENCE—We try to give prompt attention to all proper letters of inquiry, etc., but ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets.

OUR TERMS ARE STRICTLY CASH WITH THE ORDER

We do not send C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense and the prices being given, we can conceive of no necessity to warrant goods being so sent.

NAME AND ADDRESS SHOULD ALWAYS BE GIVEN

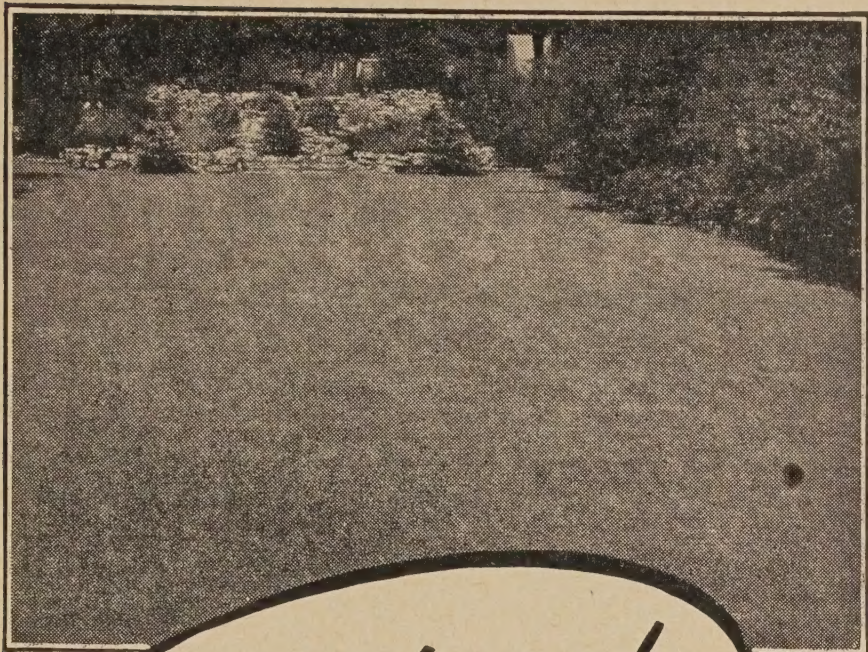
Frequently we receive unsigned letters. Sometimes they contain money and orders. Sometimes, too, letters are received in which the name of the town is left out and the postmark is blurred. We cannot fill orders unless we know the name and address of the buyer. The easiest way for you is to use our order sheet, filling in the blanks.

BUTZER GUARANTEE: We guarantee the vitality and purity of Butzer's Seeds and Bulbs to the full amount of the purchase price. You can have your money back any time within a year if you are not satisfied with the results. Even with the highest quality seeds and bulbs, success in gardening depends largely upon cultivation, soil, and weather conditions. Therefore, in no case shall Butzer's Seed Store be liable for more than the amount actually paid for seeds or bulbs. All goods are sold under this Butzer Guarantee.

A. H. KRUGER.

OUR NEW AND BETTER LOCATION

1040 SOUTHWEST SECOND AVENUE, CORNER MAIN, PORTLAND, OREGON



How to make a BEAUTIFUL LAWN

one section of it lengthwise the tract and the second crosswise, thus avoiding bare spots and a ragged appearance. Immediately after sowing the seed, roll it again to firm the soil around the seed in order that the seed may obtain sufficient moisture to germinate.

LAWN SEED

BUTZER'S FANCY LAWN GRASS SEED—A mixture of several varieties of grasses ordinarily makes the best lawn. The use of our special mixture is strongly recommended. Only the fine leaved and long lived grasses are used, which will produce a beautiful, velvety carpet that will last for years. Just enough white clover is used to make a quick showing and act as a nurse crop for the grasses while they are becoming established, or this mixture may be had without the clover. 1 lb. \$1.30; 5 lbs. \$6.25; postpaid.

BUTZER'S SHADY LAWN GRASS SEED—In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time this special mixture, which readily meets the desired requirement. Per lb. \$1.35, postpaid.

SEASIDE CREEPING BENT GRASS (*Agrostis Stolonifera*)—Distinctive on account of its compact, creeping, rooting stems. Of rapid growth and spreading habit, forming a strong, durable turf. Good for lawns and golf courses because of its fine texture. If sown alone, use 50 lbs. to the acre. 1 lb. \$1.35, postpaid.

ASTORIA CREEPING BENT—The conditions under which this strain of bent grass seed is grown and produced renders it more favorable to our particular climate than many other varieties. 1 lb. \$1.40, postpaid.

CHEWING FESCUE—A low-growing grass, fine leaved, forms a close turf that prevents ingress of weeds, permanent in all kinds of soils, even the lightest and driest; unexcelled for lawns and golf courses. 1 lb. \$1.30, postpaid.

BUTZER'S KENTUCKY BLUE GRASS—We sell a very superior grade, which makes an excellent lawn of a dark green color, forming a fine mat. Per lb. \$1.00, postpaid.

VITAMIN B₁ *Plus for Plants* . . .

This famous original PLUS formula, which turns the water *green*, can now be used to IRRIGATE your entire vegetable or flower garden with ease.

15 Tablets 10c; 50 Tablets (makes 500 gallons) 25c

You can now mix as little as one quart!

ASPARAGUS

Culture—(Seed): Sow in Spring in rows 2 feet apart, covering 1 inch deep, cultivate and fertilize well. When a year old, transplant to permanent bed. (From Roots): Dig trenches about 15 inches deep and 3 feet apart, using plenty of good manure. Set roots 18 inches apart, spreading them well. Cover to a depth of about 2 inches, adding more soil until the trenches are filled by the end of the season. First cutting should be made the following season.

Pedigreed Washington—The standard variety for home and market. Pkt. 10c; 1 oz. 20c. Roots—2-year-old, by mail postpaid—50, \$1.50; 100, \$2.50.

POLE BEANS

All Beans Postpaid

Culture—Pole beans should be planted later than bush beans. Poles 8 to 9 feet long should be set firmly in the ground, 4 x 3 feet apart. Plant 5 to 8 beans around each pole, later thinning to 4 vines. Cover seed $1\frac{1}{2}$ to 2 inches deep. 1 pound of seed will plant 75 to 100 hills; 30 pounds per acre.

Butzer's Supreme—65 days. A new variety outstanding in quality and flavor. Perfectly stringless at all stages and excellent for canning. The green pods are 7 inches long, straight and round. Black seeded. Why not give them a trial this year? Pkt. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c.

Oregon Giant—If you have not grown this bean, by all means do so this season. It is a quick grower, quite early and produces the most wonderful long, plump, meaty pods that are tender, brittle and of deliciously mild flavor when cooked. The mammoth 10 to 12-inch pods when picked in their prime are entirely stringless. The quality is superb. The pale green pods are lightly penciled with carmine which disappears when cooked. Pkt. 15c; $\frac{1}{2}$ lb. 25c.

Kentucky Wonder—65 days. The most widely planted pole variety. Green pods, fleshy, saddle-backed, 7 to 10 inches long and stringless when young. Kept picked, they bear all season. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Kentucky Wonder White Seeded—64 days. A heavy yielding fine quality bean used for home garden, shipping and canning. Pods are dark green, round, $6\frac{1}{2}$ to 7 inches long, tender and stringless without fibre. Good for dry shell or snap beans. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

White Creaseback or Blue Lake—65 days. A popular early green podded bean for snap-shorts; of rapid growth and very productive. Pods 5 to 6 inches long and entirely stringless. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Kentucky Wonder Wax—65 days. Excellent for northern planting. Similar to "Kentucky Wonder Green Pod", in habit and as early. Pods are golden yellow, fleshy; make delicious eating. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Horticultural, Cranberry or Wren's Egg—70 days. For use as a snap and green shell bean. Pods are 6 inches long, oval, stringless, splashed with red and very fleshy. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Martha (Large Navy)—Heavily productive white beans. Best known commercial variety. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c.

China Yard Long—Brown seed. Curious variety with pods often growing nearly a yard long. Pod and beans are crisp, tender and with a delicious asparagus flavor. Pkt. 10c.

BUSH BEANS

Culture—May be planted any time from May 1st to August 1st. Sow 1 pound per 100-foot row, or 60 pounds per acre in rows 3 feet apart. Cover from 1 to 2 inches deep. A succession of plantings every two weeks will provide a constant supply of fresh beans until frost.

Burpee's Stringless—52 days. The best green podded bush beans for the Northwest, should be in every garden. Pods are round, very fleshy, stringless, without fibre and of excellent quality, about 6 inches long. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Early Stringless Refugee—An improved stringless strain. Very hardy and extremely productive. Pods round and straight, tender, brittle, and of finest quality. Medium early. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Brittle Wax—52 days. Pods are round and long, often 6 inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell beans. Excellent for market and canning. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Pencil Pod Black Wax—52 days. Bushy vines, very prolific, bearing round, thick, stringless rich yellow pods, 6 to 7 inches long, of excellent quality, containing black seed. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Dwarf Horticultural—61 days. Used as a snap or shell bean. Desirable for both home and market. Pods green at early or snap stage, turning greenish yellow, later splashed with carmine at maturity. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Broad Windsor or Fava—Generally used as a shell bean. These should be planted preferably in November, although they can also be planted in early spring with good success, covering seed 3 inches deep in rows 24 inches apart. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c.

LIMA BEANS

Culture—Limas should be planted a little later than the ordinary running bean. Always plant with the eye down. They may be sown in hills, or in rows, thinned to 8 or 10 inches apart. The Bush Lima is earlier than the tall variety.

Fordhook Bush—75 days. The highest quality bush variety. Its large pods contain 4 to 5 large, thick, beautiful green beans. For home and market. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c.

Henderson's Bush—65 days. An early and prolific bearer of small beans. Thrives in ordinary soil and is an excellent variety for home gardeners. Crop reliable, very productive. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c.

Burpee's Improved Bush—68 days. Produces a vigorous and productive plant, bearing large plump beans more oval than flat. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c.

Oregon Pole—88 days. Adapted to our cool Northwest climate. A strong, vigorous grower bearing large plump beans continuously until frost. Pods are at their best when turning yellow. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c.

King of the Garden—88 days. A vigorous and heavily productive pole lima. Pods are flat, 6 to 7 inches long, each with 4 to 5 large, smooth, green-tinted to creamy white, semi-circular beans. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c.

Scarlet Runner—Are of strong quick growth, bearing large sprays of bright scarlet pea-like flowers. When fully ripened, the dry beans are of bright scarlet, heavily blotched with purple. Pkt. 10c.

GARDEN BEETS

Culture—1 ounce seed to 75-foot row. Sow seed in rows 12 to 18 inches apart, covering the seed to a depth of 1 inch. Thin from 2 to 4 inches apart. For spring crop, plant during February and March and for fall crop plant in August and September. A sandy loam is preferable, however, beets will succeed in most soils if properly fertilized and cultivated.

Detroit Dark Red

—Splendid for market or home gardens and popular with canneries. Roots nearly round, very uniform and of medium size; flesh tender and blood red. We carry an extra select strain.

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c.

Extra Early Egyptian—An extra early producer with small tap roots of rather flattened shape; dark blood red flesh of finest quality. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c.

Early Wonder—

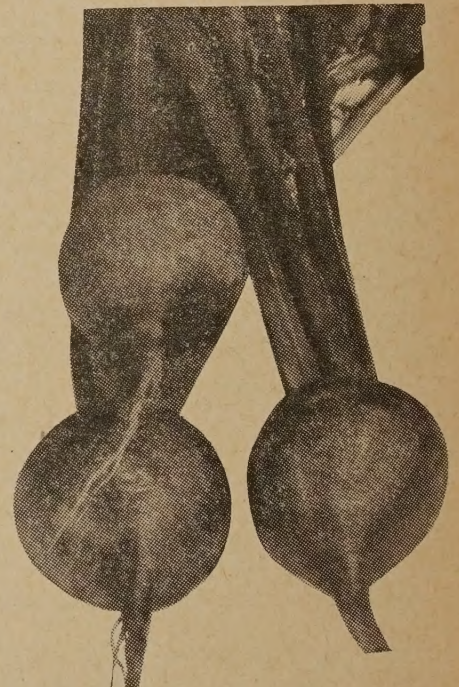
A variety so uniform in growth that the crop can be harvested

Detroit Dark Red practically at one time. Flesh is similar to that of Crosby's Egyptian. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c.

Crosby's Egyptian—One of the earliest, with flat dark red roots. Flesh purplish red with lighter zones. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c.

WANZLEBEN SUGAR BEETS

This beet will yield almost as much in bulk as the best mangels, and contains a large percentage of sugar. The roots are smooth, broad at the shoulder and gradually taper to the base. Pkt. 10c; oz. 25c.



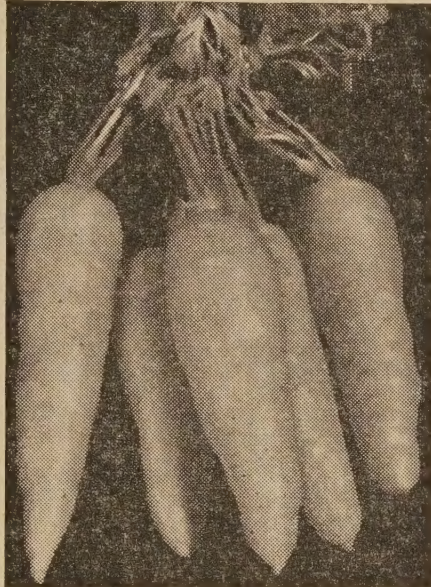
CARROTS

Culture—Prefers a deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to as late as August first. 1 ounce will plant a 100-foot row.

Coreless Chantenay
—(The Sweetest Carrot known).

A carrot without a core is a rare treat. Owing to the fine texture of the orange red flesh, and its tender, delicate flavor, it is called the Sweetest of All Carrots. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.

Chantenay—A popular favorite for its rich orange-red color, its fine grain flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.



Coreless Chantenay

Butzer's Selected Half-Long Danvers—It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use. Dark orange color with very little core. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.

Tendersweet (New)—Sweet, tender, and brittle. The roots are 8 to 10 inches long tapering from the shoulder to the blunt end; of rich orange-red color; uniform in shape and size, with indistinct core. For market and home gardens. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.

Guerande, or Ox Heart—Short, flesh bright orange, fine grained and sweet. Adapted for heavy soils. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.

Improved Nantes (Coreless)—A fine quality half-long carrot, almost cylindrical in shape, blunt end and very small root. Flesh fine grained, with very little core. The skin is a beautiful orange color and very smooth. Pkt. 10c; oz. 35c; ¼ lb. \$1.20.

STOCK CARROTS

Improved Short White Mastodon—Nutritious for stock feeding. Very productive, easily harvested, 8 inches in length, 3 inches at shoulder, and very smooth. Pkt. 10c; oz. 25c; ¼ lb. 85c.

Large Yellow Belgian—Similar to White Belgian except for color, which is pale yellow with green shoulder. Pkt. 10c; oz. 25c; ¼ lb. 85c.

Large White Belgian—One of the best field carrots grown exclusively for stock. Roots 10 inches long, 2 to 3 inches at shoulder. Very productive and easily harvested. Pkt. 10c; oz. 25c; ¼ lb. 85c.

CELERIC or TURNIP ROOTED CELERY

Smooth Prague—A large celery flavored root used extensively for flavoring soups, etc. Pkt. 10c.

SWISS CHARD or SPINACH BEETS

Lucullus—55 days. Leaves grow to a height of about 24 inches, are large, upright. Mid rib or center stem is fine and light green and may be trimmed and cooked as asparagus. Leaf part is cooked like spinach. Pkt. 10c; oz. 25c.

Fordhook Giant—Larger, darker green and more crinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. Pkt. 10c; oz. 30c.

Rhubarb Chard—A new Swiss Chard that looks like Rhubarb. Stalks bright crimson, leaves dark green. Try this different tasty and delicious new vegetable. Pkt. 15c.

SWEET CORN

(Write for prices in quantity)

Golden Bantam—80 days. The earliest and sweetest yellow-grained sugar corn. Deliciously tender and sweet. Ears 6 inches long with 8 rows of broad grains. Excellent for canning, home and market use. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Golden Cross Bantam—88 days. Excellent for market gardeners. Very prolific, stalks sturdy, with exceptionally broad, dark green leaves. Ears 10 to 14-rowed, slightly lighter yellow than Golden Bantam. Pkt. 15c; ½ lb. 30c; lb. 50c.

Stowell's Evergreen—105 days. If planted at the same time as earlier varieties and at intervals of 2 weeks until July 1, it will keep the table supplied until November. It is hardy and productive, white kernels, very tender and sugary, remaining a long time in a fresh condition. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Early Portland Market—An early, large eared sweet corn and very productive. Its large well-filled ears together with its plump, sweet grains of pure white, make it a most profitable home or market variety. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Butzer's Hybrid—88 days. Outstanding in yield and quality. Deep golden yellow, sweet, tender kernels and very large ears are the characteristics of this special hybrid. Remains fresh longer after picking, has light silk, tight husk and abundant streamers. Recommended for home and market. Pkt. 15c; ½ lb. 35c; lb. 60c.

POP CORN

Black Beauty—Extra early variety. Pops very large, exceptionally white and most tender of all. Ears six inches long, 12-rowed with black kernels. Pkt. 10c.

White Rice—Very prolific white variety. Ears are 5 to 7 inches long. Kernels long, pointed and somewhat resembling rice. A late variety yielding heavy and considered best for parching. Pkt. 10c.

FIELD CORN

(Write for prices in quantity)

Minnesota "13" Yellow Dent—An early maturing yellow dent. Stalks are medium size and ears 9 to 11 inches long. Per lb. 20c.

Oregon Grown Yellow Dent—Acclimated. A grand success in Oregon. We have been raising this variety for years, and by selecting the earliest ripening and best select ears, now have a very superb strain. Lb. 20c.

Genuine Eureka Ensilage—Outstanding as the heaviest producer of silage material. Genuine Eureka is a smooth white dent corn with short kernels, and will germinate nearly 100 per cent. It is of such a vigorous growth that severe changes of weather conditions do not affect the yield seriously after the corn has become rooted. Per lb. 25c; 5 lbs. \$1.20, postpaid; 10 lbs. \$1.75; 25 lbs. and over 13c per lb., F.O.B. Portland. Order early.

CUCUMBERS

Culture—Cucumbers grow best in a rich, warm sandy loam. Sow seed when danger of frost is past, in hills 4 or 5 feet each way. Sow thickly half an inch deep, and thin out to 3 or 4 plants to the hill.

Arlington White Spine—Uniform size, averaging 7 to 8 inches in length, straight, comparatively few seeds, crisp and of a rich, dark green color. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Boston Pickling or Extra Early Green Prolific—This is a very prolific variety, largely planted for pickles. The fruits average four to five inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sized pickles. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Davis Perfect—A strong, vigorous growth, producing heavy crops of uniform, long, dark green cucumbers. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Fordhook Famous—The longest White Spine, the finest flavored of all. Always straight and well formed, they never turn yellow. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Fordhook Pickling—Most prolific variety for producing pickles of medium size, for both home use and market. Pkt. 10c; oz. 25c; ¼ lb. 60c.

London Long Green—An old time popular garden favorite. Produces dark green fruits from 10 to 12 inches long. Excellent quality. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Lemon Cucumber—Resembles a lemon both in form and color, having a distinctive flavor superior to and not found in any other variety. Never bitter. Pkt. 10c; oz. 30c; ¼ lb. 75c.

MANGEL WURZELS or STOCK BEETS

Culture—Valuable as stock feed. Plant early in Spring in rows 2½ feet apart. The seeds should be 1 inch apart in the row and covered by 1 inch of soil firmly pressed down. Cultivate frequently. When the plants are 3 inches high, begin to thin until the roots are 10 inches apart.

Danish Sludstrup—Very heavy yielder. Roots long oval, orange colored; flesh white with faint yellow tinge. Oz. 25c; ¼ lb. 60c; lb. \$2.00.

Giant Half Sugar—A favorite among dairymen and hog raisers. Very sweet and nutritious, as it has a larger sugar content. Oz. 25c; ¼ lb. 60c; lb. \$2.00.

Golden Tankard—Heavy cropper; easily harvested. Roots large; thick oval; light gray above, deep orange below ground. Flesh yellow with white zones. Oz. 25c; ¼ lb. 60c; lb. \$2.00.

Mammoth Long Red—Roots very large; long, straight and thick; grow one-third to one-half out of ground. Flesh white tinged with rose. Oz. 25c; ¼ lb. 60c; lb. \$2.00.

BROCCOLI

Same cultural directions as for cabbage will apply. One packet produces about 250 plants; ounce, 3,000; use 4 ounces for an acre.

St. Valentine—Finest of all Broccoli. A sure header of immense size and finest quality remaining in good condition longer than any other varieties. Ready for market in February. Pkt. 10c; oz. \$1.25.

Calabrese, Italian or Sprouting—90 days. Large heads of bright green, tender sprouts having combined flavor of cauliflower and asparagus. Clusters of sprouts are produced which should be cut when fully developed. Pkt. 10c; ½ oz. 50c.

BRUSSELS SPROUTS

The plants are very hardy and grow from 2 to 3 feet high. The sides of the main stem are covered with 8 or 4 dozen small cabbage heads, maturing in succession. Sow early so as to have well-grown plants by fall, using the same cultural directions as that for cabbage.

Burpee's Danish-Prize—The plants are of strong robust growth, bearing good sized, solid heads the full length of the stock, maturing all about the same time. Pkt. 10c; oz. 75c.

Long Island Improved—The finest strain of "Sprouts" grown. We offer the choicest Long Island grown seed. Pkt. 10c; oz. 75c.

CHINESE CABBAGE

Wong Bok—Produces a beautiful, crisp, blanched tall or long head, resembling a giant Cos Lettuce. As a salad, it rivals the finest lettuce. Pkt. 10c; oz. 50c.

Peking—This is the finest Pe-Tsai in existence today. Whether for medium, early, main crop or late use, it has no equal, and is so finely bred and true to type. Pkt. 10c; oz. 50c.

CABBAGE

Culture—For plants of early kinds, sow seed in January under glass, and put out into flats about 2 inches apart. Transplant to open ground as early in the spring as the soil can be prepared, setting 1½ to 2 feet apart in rows 3 feet between. Cultivate frequently, and during dry weather water copiously. Late cabbage seed should be sown in drills in open ground during April and May, and transplanted in June or July. Fertilize heavily.

Early Jersey Wakefield—Earliness, hardiness, solidity, good size, uniformity, fine quality—these are the characteristics of this very popular variety. Cold resistant. Pkt. 10c; oz. 50c.

Extra Early Express—About 10 days earlier than Early Wakefield; heads small, heart-shaped and very solid. Pkt. 10c; oz. 50c.

Copenhagen Market—An excellent round head early variety. Plants compact, very uniform and permit close planting. Splendid for home and market; extensively used for shipping. Pkt. 10c; oz. 50c.

Golden Acre—The earliest round head or Copenhagen type but smaller and several days earlier. Plants are small, short stemmed, and compact. Weighs 3 to 4 pounds. Pkt. 10c; oz. 60c.

Baby Head—Of unusual merit. The beautiful little round heads are "solid as a rock" and weigh from 3 to 6 pounds, just a right size for family use. Pkt. 10c; oz. 50c.

LATE VARIETIES

Perfection

Drumhead Savoy—Solid, heavily crimped, dark green, curled leaves. The flavor is far superior to other sorts, especially after being touched by frost. In demand as a Winter Cabbage.

Pkt. 10c; oz. 50c.

Danish Stonehead—largest heading red cabbage. Round, very solid and an excellent keeper. Most desirable for salads. Pkt. 10c; oz. 50c.



Ballhead

Danish Ballhead—A standard shipping variety. Very firm, solid, large flat globe shaped heads weighing 7 to 9 pounds, of good quality and an excellent keeper. Pkt. 10c; oz. 50c.

Danish Roundhead—Splendid for winter market. Heads average larger in size than those of the Ballhead, maturing about 2 weeks earlier. Extremely hard and solid. Pkt. 10c; oz. 50c.

Premium Flat Dutch—An excellent large variety for home or market, also late shipping. Heads large, flat, but deep, firm and of good quality. Pkt. 10c; oz. 50c.

CAULIFLOWER

Culture—In growing good cauliflower, it is essential to rush them on quickly, never permitting them to be checked in growth; in dry weather they should be copiously watered, especially if just planted out. Sow in seed beds, and when large enough, transplant in rows 2 feet apart and 18 inches between plants.

Burpee's Best-Early—The earliest and best quick-growing variety. In good soil, the pure white snowy heads measure 8 to 10 inches across with very close compact curd of extra fine quality. Market variety for both early and late crops. Pkt. 15c; ¼ oz. \$1.75.

Early Snowball—A popular extra early strain of dwarf compact growth. Under favorable conditions nearly every plant will make a fine solid head. Valuable for both early and late. Pkt. 15c; ¼ oz. \$1.75.

Burpee's New "Dry Weather"—Similar to Burpee's Best Early, it produces equally large, solid, pure white heads, and is only about a week later. Especially adapted for growing in dry locations. Pkt. 15c.

CELERY

Culture—Celery is slow to germinate and requires abundant moisture. For fall or main crop, sow seed in open ground as early in the spring as the soil can be worked into good condition. Cover seed with no more than ¼-inch of fine soil. A rich, well-manured soil will produce the best celery.

Utah Green—A popular late fall variety, producing plants of medium size, compact, solid, stalks are broad, thick, and well rounded, stringless and unequalled for flavor. Very meaty but crisp and sweet. Pkt. 10c; oz. \$1.00.

Golden Self-Blanching—The best of all early celery. Dwarf compact habit, with thick, solid heavily ribbed stalks, which easily blanch to a clear waxen yellow. Large solid heart. Pkt. 10c; oz. \$1.00.

CELTUCE

Celtuce combines the uses and flavors of both celery and lettuce. The young plants are used as lettuce or as boiling greens. The matured stalks may be peeled and used like celery. Pkt. 10c.

CHIVES—Schnittlauch

A perennial herb, a member of the onion family. The slender, tubular leaves have a delicate onion flavor, just enough to season a green salad when the chopped-up leaves are used. Seed 10c Per Pkt; Plants, 35c per bunch.

CHICORY

Witloof or French Endive—The roots are reset, producing in a cold frame delicate leaf growth similar to romaine or cos lettuce. Used for salads. Pkt. 10c.

CRESS

Fine Curled Peppergrass—Quick growing, finely cut and feathery, like a good parsley; growth dwarf and compact; crisp and pungent. Pkt. 10c.

Water Cress—Highly esteemed as a salad during the spring and fall. Seed may be started readily in boxes of very moist earth, and the young plants transplanted to shallow water. Pkt. 10c.

DILL

An annual of aromatic odor and warm pungent taste. Possesses medicinal properties but is largest used for making dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into threadlike segments. Pkt. 10c; oz. 25c.

GARLIC

Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves," which are planted in the fall 6 to 8 inches apart, and in August the bulbs are ready to gather. Bulbs, lb. 50c. Write for prices in quantity.

HORSERADISH

Sets planted in May, small end down with top one inch below the surface in rich, well-cultivated soil, will form large roots in one season. Per doz. 50c; 100 roots \$2.25, postpaid.

LEEK

Broad London—Belonging to onion family and is a good fall and winter substitute for green onions. Sow early in spring, covering $\frac{1}{2}$ inch deep. Per pkt. 10c.

ENDIVE

Seed may be sown any time during the year. When plants are well started, thin to 10 or 12 inches apart. When nearly full grown, bleach plants by tying the leaves together when quite dry to exclude light from inner leaves or heart. A wholesome and delicious salad vegetable for fall and winter use.

Batavian—Large heads of broad, thick leaves, which can be blanched as a salad or make excellent cooked greens. Pkt. 10c; oz. 20c.

Deep Heart Fringed—The leaves are finely cut or lacinated. They are a rich green color but blanch to an appetizing creamy white. Pkt. 10c; oz. 25c.

White Curled—Pkt. 10c; oz. 20c.

EGG PLANT

Culture—Plant in hotbed in February or March. When 2 inches high, transplant in boxes or beds 8 to 4 inches apart. After all danger of frost, set out 3 feet apart in deep, rich loamy soil. Seed germinates slowly.

Black Beauty—Large, thick lustrous, purplish-black fruits of the finest quality. Market variety. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c.

KALE

Use the same cultural directions as that for late cabbage.

Tall Green Curled Scotch—Grows 2 to 4 feet high, bearing long plume-like, light green leaves finely curled at edges. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Dwarf Curled Scotch—Leaves are curly, bright green, very tender and delicate in flavor. Pkt. 10c; oz. 25c.

Thousand Headed—Large, heavy, massive plants, with giant, broad leaves. This variety produces by far the largest crop. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

KOHL RABI

Use the same cultural directions as that for early cabbage.

Early Purple Vienna—Earliest sort and most desirable for the table. Bulbs of medium size, purple skin on the outside with white flesh, tender and delicious. Pkt. 10c; oz. 55c.

Early White Vienna—Same as above with exception of the skin being a light green. Pkt. 10c; oz. 55c.

LETTUCE

Culture—Can be planted almost any time of the year in well-fertilized moist soil. Give head varieties plenty of room, thinning to at least 15 inches apart. Cover seed one-half inch.

Great Lakes—All-America bronze medal winner, '44. Remarkable new head lettuce, producing large solid heads under adverse conditions. Leaves are large, relatively thick, folding well over the heads so that when unwrapped they give large sections desirable for salads. Very free from tip-burn, also very sure heading. Pkt. 15c; oz. 50c.

Iceberg—No lettuce is more crisp; the large ribs are like celery stalks. A sure and reliable header. Forms a large, compact head, very white inside; excellent quality, being sweet, crisp and delicious. Pkt. 10c; oz. 25c.

New York—This is the variety that is planted so extensively for home and market use. The plant is very large but compact and tight heading; very sweet and tender; outer leaves deep green with frilled edges. Pkt. 10c; oz. 25c.

New York No. 12—For many years a standard "Iceberg" type for market, with solid cabbage heads, light green leaves slightly curled on the edges. Stands heat well. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Prizehead—A large loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor. Pkt. 10c; oz. 25c.

Oak Leaf—40 days. Of all green leaf lettuces, this has the longest season of harvest, as it stays sweet and tender long after hot summer begins, providing one of the best of all sources of precious Vitamin A, and a tasty base for bowl salads. Make two sowings. Pkt. 10c; oz. 30c.

Creamy Heart—An excellent butterhead type, very hardy for early planting, medium sized head of a dark green color, crisp and tender. Pkt. 10c; oz. 25c.

Grand Rapids—This does not form heads, but makes large compact bunches of light leaves with fringed edges. Its delicious quality and handsome appearance make it most popular in winter markets. It is useful also for outdoor planting during spring and fall. Our stock is extra fine. Pkt. 10c; oz. 25c.

Chicken Lettuce—The plant grows very much like a kale to a height of 4 to 5 feet, with much growth of leaf. It is used extensively for chicken and rabbit feeding. Sow seed very early. Pkt. 10c; oz. 20c.

MUSKMELON or CANTALOUPE

Culture—The most suitable soil for melons is a rich, warm, sandy loam. Sow seed after soil has warmed up and the weather quite settled, putting 8 to 10 seeds in a circle in slightly raised hills and cover seed with $\frac{3}{4}$ -inch of fine soil. Thin to 3 plants after plants are well established.

Hale's Best—An early variety with a sweet tasty flavor. The rich salmon flesh is very thick, leaving only a very small seed cavity. Fruits are oval-shaped with a heavy netting. Pkt. 10c; oz. 25c.

Hearts of Gold—A medium sized very uniform melon of fine grained flesh and sweetest flavor. Pkt. 10c; oz. 20c.

Fordhook—The most perfect cantaloupe. Very thick, flesh of orange yellow, very small seed cavity, comparatively few seeds, flesh very solid and of very high flavor. Pkt. 10c; oz. 20c.

Burrell's Gem—One of the most popular market melons. Oblong, not deeply ribbed, about 4 $\frac{1}{2}$ to 6 inches long, flesh very thick, small seed cavity. Flesh deep salmon and of excellent flavor. Pkt. 10c; oz. 20c.

Banana—Banana shaped with the banana flavor; 15 to 20 inches long by 4 to 6 inches in diameter; has thick orange flesh with delightfully sweet flavor. Pkt. 10c; oz. 20c.

Osage—Of medium size, oval, dark green, shallow netting; flesh deep salmon, thick, very firm, sweet and of rich flavor. Pkt. 10c; oz. 20c.

Emerald Gem—Medium size; skin deep green, generally smooth; flesh thick, rich salmon, not surpassed in richness and flavor. Pkt. 10c; oz. 20c.

Honey Dew—A very late fall or winter variety. Fruits are large, nearly round, light green and smooth. Flesh is thick and very sweet, ripening to the rind. Pkt. 10c; oz. 20c.

GREEN FLESHED VARIETIES

Extra Early Hackensack—An old favorite. Melons of good size, heavily ribbed and netted; thick light green flesh of fine flavor. Pkt. 10c; oz. 20c.

Rockyford—The leading green fleshed melon, with a so-called gold lining. The fruits are rather small, round, without ribs, and heavily netted. Flesh is thick and well flavored. Excellent shipper. Pkt. 10c; oz. 20c.

Mixed Muskmelons—A mixture of our best select strains that will produce early, medium and late. Green and orange flesh varieties. Pkt. 10c; oz. 20c.

WATERMELONS

Culture—Watermelons do best on a rich, rather sandy soil, but a well-drained loam with southern exposure is nearly as good. Seed should not be planted until the weather is quite warm. Place 6 to 8 seeds in a hill, 6 to 8 feet apart each way. Cover one-half inch deep.

Butzer's Favorite—This very popular melon grows very large and is almost round. Rich dark green color; medium rind; flesh, deep red. Drought resisting and produces a profitable crop when other varieties are sometimes scarce. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Cole's Early—The Northern States' favorite. An early melon of high quality. In sugary delicious crispness, flavor and melting tenderness, it is the top-notch. Oblong shape, about 20 inches long, 12 inches through; skin mottled green and thin brittle rind. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Fordhook Early—An extra early variety of fine quality and fair size; form round to oblong; skin dark green mottled with a darker shade; flesh bright red; seeds white. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Kleckley's Sweets—Large in size, medium early and exceedingly sweet; oblong, slightly tapering towards the stem end; rind very dark green; flesh very bright, rich red and ripens nearly to the rind. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Klondike—Rind dark green, thin. Flesh bright red, brittle and sweet. Fruits oblong. A good shipper. Pkt. 10c; oz. 25c; ¼ lb. 75c.

White Seeded Ice Cream—Fruits almost round, rind thin, medium green. Flesh pink, sweet. Matures early. A fine keeper. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Black Seeded Ice Cream—Same as above with black seeds. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Mixed—Contains both large and small varieties of all types. Pkt. 10c; oz. 20c; ¼ lb. 45c.

CITRON

The fruits are medium sized, uniformly round and used exclusively for preserves. Color, dark green, distinctly striped and marbled with light green. Flesh is white and solid. Pkt. 10c; oz. 20c.

MUSTARD

Culture—Sow the seed as early in the spring as the weather permits, sowing thinly in rows about 1 foot apart. Water freely.

Fordhook Fancy—Plants are of vigorous growth, having dark green leaves which curve outward like a fine ostrich plume. Stands heat well. Pkt. 10c; oz. 20c.

Southern Giant Curled—Leaves light green, frilled and much crumpled at edge. Excellent quality. Pkt. 10c; oz. 20c.

ONIONS

As early as soil can be worked in spring, sow the seeds thinly in drills 1 foot apart, covering lightly and later thinning out to about 6 inches apart. The soil must be well fertilized. Water frequently during hot weather.

Oregon Yellow Danvers—The standard variety for winter use. Produces well-ripened bulbs, averaging 2 inches in diameter. Skin light golden brown; flesh pure white; crisp and mild in flavor. Excellent keeping qualities. Pkt. 10c; oz. 85c; ¼ lb. \$2.50.

White Bermuda—A pure white flat onion, mild and sweet. Pkt. 10c; oz. 95c; ¼ lb. \$2.75.

Yellow Sweet Spanish—A new variety that is gaining much popularity. Globe shaped, bright yellow skin and very mild flavor. Pkt. 10c; oz. 85c; ¼ lb. \$2.50.

White Sweet Spanish—One of the earliest, mildest and sweetest onions on the market. Globe shaped. Pkt. 10c; oz. 95c; ¼ lb. \$2.75.

White Portugal—A medium early variety with flattened shape and clear white skin. Extensively used for pickling and green onions. Very firm, mild and sweet. Excellent keeping qualities. Pkt. 10c; oz. 85c; ¼ lb. \$2.50.

BOTTOM ONION SETS

Small onions grown from seed. Excellent for green onions and if left to stand, they make ripe onions of the best quality, maturing some six weeks earlier than a crop grown directly from seed. Per lb. 40c.

POTATO ONION

Makes large onions of mild flavor. The smallest sets produce one to two large onions; medium sized sets produce a number of medium to small sets, the large onions produce a great many small sets. They are produced in clusters, increasing by division of the parent onion. Per lb. 40c.

PARSLEY

Culture—Parsley is slow to germinate. Sow in rows 1 foot apart, covering with not more than ½ inch fine garden soil, pressing the same down firmly. A light mulch will retain moisture and prevent crusting.

Plain or Single—Plain leaves, excellent flavor. Pkt. 10c; oz. 20c.

Extra Curled Dwarf—The moss-like leaves of a bright green color are finely curled. Pkt. 10c; oz. 25c.

OKRA

Culture—Plant, after danger of frost has passed, in rows 2½ feet apart and thin to 12 inches apart in the rows. Keep well cultivated. The young seed pods are used in soups, stews, etc.

Tall or Perkins Mammoth—The long pods, measuring 4 and 5 inches, are produced in great quantities. Pkt. 10c; oz. 25c.

PARSNIPS

Culture—A deep rich sandy loam is the best for parsnips. Plant in rows as early in the spring as possible 1½ feet apart, covering to ½ inch with fine soil. When plants are well up, thin to 2 to 3 inches apart. Parsnip seed is slow to germinate; be sure to press soil down firmly over seeds.

Guernsey—An ideal parsnip for the home and market gardener as it is easily dug. Has all of the good qualities of other sorts but grows about half as long, which makes it suitable for heavy soils. Very tender and sweet. Pkt. 10c; oz. 25c; ¼ lb. 50c.

Long Smooth, or Hollow Crown—A great cropper, tender, sugary, and considered the best for general cultivation. Pkt. 10c; oz. 25c; ¼ lb. 50c.

PEANUTS

Culture—For best results select warm, light or sandy soil rich in lime. Plant in rows 2½ to 3 feet apart, spacing shelled nuts 8 to 10 inches apart in rows, or if planted in hulls, place them 16 to 18 inches apart. Cover with 2 inches of soil. Cultivate and hoe freely. In the fall, before the frost dig and hang vines under a shed or in an airy room to cure.

Jumbo Virginia—120 days. Most productive, extra large peanut of rich flavor with 2 or 3 kernels to the pod. Vines make valuable fodder for stock. Pkt. (10 pods) 10c; ½ lb. 40c; lb. 75c.

Spanish—110 days. The kernels are small and very sweet. Early, and a heavy bearer. Easily cultivated and gathered. Pkt. 10c; ½ lb. 40c; lb. 75c.

PEPPERS

Culture—Soil and temperature requirements are about the same as for eggplant. A moderate dressing of guano, poultry manure or a complete commercial fertilizer, hoed into the soil after the plants are 6 to 8 inches tall, will be very beneficial.

California Wonder—A standard extra thick walled pepper, unexcelled for stuffing. Uniformly squarish, four-lobed, sweet and a fine shipper. Pkt. 10c; ½ oz. 40c; oz. 75c.

Chinese Giant—Fruits are often 6 inches across and 4½ to 5 inches deep. Flesh is moderately thick and very mild. Fruits are bright green when young. Pkt. 10c; ½ oz. 40c; oz. 75c.

Mixed Peppers—A great many varieties mixed. Pkt. 10c; ½ oz. 40c; oz. 65c.

Cayenne—Long red; very hot. Pkt. 10c.

Tabasco—Hottest of all. Pkt. 10c.

Red Chili—Good for hot pickling variety. Pkt. 10c.

RHUBARB or PIE PLANT

Rhubarb is cultivated in gardens for its leaf stalks which are used for pies, etc.

Roots—35c each; \$3.00 per doz. Not Postpaid.

GARDEN PEAS

All Garden Peas Prices Postpaid

Culture—Both wrinkled and smooth seeded types may be planted as early in the spring as the soil can be prepared. Frequent planting for succession and a careful selection for varieties, will give an almost continuous crop of peas until frost. Larger pods and a greater yield may be produced if the seed is planted in trenches 3 to 6 inches deep and covered with only 1 inch of soil, filling trench gradually as plants grow. This will secure deep rooting, prevent mildew and prolong the bearing season. Provide supports for tall-growing varieties. Rows should be approximately 3 feet apart. One packet of seed will sow a 20-foot row; 1 pound, 100 feet; 120 pounds, 1 acre.

Gradus—This extra early, wrinkled pea bears pods of large size, and combines quality with earliness. Vines $2\frac{1}{2}$ feet in height; vigorous and very prolific. Peas remain tender and sweet for a long time. Excellent market variety. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Blue Bantam—Unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry enormous crops of large, deep bluish-green pods, measuring $4\frac{1}{2}$ inches long tightly packed with 7 to 8 extra large peas. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Little Marvel—Noted for its dwarf habit, good quality and yield. Height 18 inches. Pods are small, but dark green and well filled with very sweet peas. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Butzer's Improved Alderman—A handsome, large podded variety. Unexcelled for home gardens, market and shipping. Bears immense crops, wilt resistant. Pods single, very broad, plump, straight, dark green, contain 8 to 10 peas of highest quality. Requires staking. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Alaska—Height 20 to 30 inches. Well-filled medium-sized pods, containing small, round and tender peas. Entire crop matures practically at one time. Most popular variety for canning. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Telephone—A tall-growing, popular late sort, $3\frac{1}{2}$ to 4 feet in height, having pods of a very large size, containing 6 to 7 peas of delicious flavor. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Laxton's Progress—A market, shipping and home garden variety of great merit. Height 18 to 20 inches; pods are dark green and about $4\frac{1}{2}$ inches long. Very sweet and of excellent flavor. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.35.

Mammoth Melting Sugar—A popular edible-podded variety, which is used the same as snap beans. Pods $4\frac{1}{2}$ inches long, stringless and very sweet. Height 6 to 7 feet. Heavy yielder. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c.

Protect your peas with Snail & Slug Bait, for these pests eat your peas before they come through the ground.



A special garden size for peas, beans and sweet peas will insure you large, luscious peas and beans, and abundant sweet pea blossoms of gorgeous coloring.

Price 10c

PUMPKINS

Pumpkins are less sensitive to unfavorable conditions of soil and weather than melons or cucumbers, but are cultivated in about the same manner.

Small Sugar—This variety is small but most excellent quality for pies. Fruits are deep orange, 8 to 10 inches in diameter. Flesh is rich deep yellow, fine grained and very sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

Winter Luxury—The best flavored pie pumpkin grown; enormously productive; excellent keeper; medium size; color, golden-russet; flesh deep golden, sweet, tender and very thick. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

Virginia Mammoth—Most extensively grown for stock. Excellent keeper, sweet and also used for canning. Fruits are very large; skin creamy buff, with thick deep salmon yellow flesh of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

King of the Mammoths—A giant among pumpkins, usually averaging about 60 pounds. Bright yellow with thick, firm orange-yellow, sweet and tender flesh; fine for pies and stock feeding. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

BUTZER'S CHOICE RADISHES

Culture—To be tender and crisp, radishes must be grown quickly. Commencing with the first mild spell, sow at intervals of 10 days in a light, rich, deeply worked soil, covering with $\frac{1}{4}$ -inch. Winter radish seed is generally sown early in August.

Sparkler—Attractive small round roots with bright scarlet top and clear white base. Very crisp and of excellent flavor. Popular with market gardeners. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c.

Crimson Giant—A fine, bright-red radish, growing quickly to a large size for early market. Does not become pithy. Pkt. 10c; oz. 20c.

Vick's Scarlet Globe—Extensively used by market growers. Globular, uniform size, bright scarlet, crisp and tasty fine white flesh. Pkt. 10c; oz. 20c.

French Breakfast—A splendid variety, medium-sized, olive-shaped, very crisp, juicy, mildly pungent, and tender. Pkt. 10c; oz. 20c.

Long Scarlet—No radish will keep as long nor grow as large and still remain firm and crisp. Bright scarlet shading to pure white at tip. Pkt. 10c; oz. 20c.

White Icicle—Considered the best early white variety. Popular with home gardeners. Roots long and tapered, brittle and of excellent quality, mild and of splendid flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c.

Mixed—All kinds, colors and styles. A great variety for a small garden where one sowing does for the whole season. You always have some that are just right, sweet and juicy. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c.

WINTER RADISHES

Long Black Spanish—Black skin, white flesh and very crisp. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

Round Black Spanish—A favorite for winter use. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

White Strasburg—A fine solid radish of large size. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

SPINACH

Culture—Sow in drills 16 to 20 inches apart, covering with $\frac{1}{2}$ -inch of soil, thin to 3 inches. For early spring use, sow in the fall, or sow in early spring for later use. Fine fall spinach can be grown by planting seed August 20th to September 1st, and winter spinach may be planted until October 15th.

King of Denmark—Excellent for spring planting, very slow to go to seed, makes very quick low growth, producing an abundance of dark green leaves of large size and very much crumpled. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c.

Thick Leaved Improved—Medium early rapid growing, forming large, thick, slightly crumpled deep green leaves of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c.

New Zealand—Although not a true spinach, the leaves look similar and are very useful as greens. On soil too poor to grow spinach successfully, the plants thrive and produce small fleshy leaves that are tender and delicious. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

TAMPALA

Delicious Green

Tampala is easy to grow. Sow seed outdoors the same time you plant beans, or any time after the ground becomes warm. Tampala is ready to eat in from six to eight weeks after sowing the seed. Where plants are grown singly, 2 ft. apart, they make a large, round plant $1\frac{1}{2}$ ft. and more across and 2 ft. high; use the 4 or 5 inch tips of each branch and repeated cuttings may be made as new leaves and stems grow. Pkt. 10c.

TENDERGREEN or MUSTARD SPINACH

A mild mustard with a spinach flavor that can be grown in 3 or 4 weeks and in almost any season of the year, even in hot summer weather and make abundance of greens. Make a planting every two weeks. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

SALSIFY or VEGETABLE OYSTER

The roots of this vegetable are appetizing and nutritious, and the flavor is like that of oysters. Succeeds best in a light, well enriched soil.

Mammoth Sandwich Island—Large and strong growing with long, smooth, white, tapering roots. Pkt. 10c; oz. 25c.

SQUASH

Culture—Seeds should be planted about the middle of May, in hills 4 feet apart for bush varieties, and 10 feet apart for running sorts, covering with 1 inch of soil. Put 8 to 12 seeds in each hill, afterward thin out, leaving 3 or 4 of the best plants.



Table Queen (Danish)—A trailing variety, producing acorn-shaped fruit with a thin, distinctly ribbed, dark green shell; 6 inches long by 4½ inches in diameter. Flesh light yellow. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Banana—Trailing variety growing 1 to 2 feet long. Skin varies from a bright yellow to a dark olive green. Flesh firm and solid of beautiful orange-yellow. Excellent keeper. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

The Delicious—Weighs from 5 to 10 pounds. Flesh dark orange, excellent flavor and splendid winter keepers. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

True Hubbard—Well-known winter squash of splendid quality. Vines of strong running growth; fruits large, olive-shaped, with dark-green skin and very rich flesh. Excellent keeper. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Marblehead—Similar to Hubbard, but much earlier. Somewhat warted and rind is slate green. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Mammoth Whale—Grow from 2½ to 3 feet long. Skin is dark olive-green; flesh firm and solid; a beautiful orange-yellow and of excellent quality. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Cocozelle Bush—A very productive variety. Length 12 to 16 inches, oblong; skin, deep green marbled with yellow and dark green stripes. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Zucchini—Similar in all respects to Bush Cocozelle except the fruits are mottled dark and light green, giving them a greenish-gray appearance. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Giant Crookneck—The standard variety for home and market garden. A bush type producing fruits of excellent flavor. Color is a bright yellow and the fruits are warted. Heavy yielder. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Giant Summer Straightneck—A desirable type for shipping. Early, handsome in appearance. Color is deep orange and moderately warted, 16 to 20 inches long, but used much smaller. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Kitchenette—A small variety of the Hubbard family. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Delicata—Small fruited variety, suitable for both summer and winter use; oblong, slightly ribbed, with orange-yellow skin, striped with dark green. Flesh thick and solid. Very rich flavor. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Burpee's Bush Fordhook—Very productive. Smooth, thin, yellowish skin, flesh very thick and of a light straw-yellow. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Mammoth White Bush Scallop—A popular variety bearing profusely small, rather flat white squashes with a distinct scalloped edge. Very early and has fine flavor. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.45.

Vegetable Marrow—A most important vegetable in the English market. Fruit is generally eaten when less than half grown, as the flesh is then very tender and marrowy. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

TOMATOES

Culture—Tomatoes do best in light, warm, not overly rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from 5 to 8 weeks before they can be set out of doors, which is when danger from frost is past. Cover seeds with ¼-inch of soil.

Bonny Best—Early mid-season sort for market, canning or shipping. Medium sized, bright scarlet fruits, smooth, solid and flattened globe shaped. Pkt. 10c; oz. 65c; ¼ lb. \$1.75.

Chalk's Early Jewel—The largest, smoothest and finest-flavored extra early bright red tomato! Heavy yielder. Tomatoes are of uniformly good size. Pkt. 10c; ½ oz. 40c; oz. 65c; ¼ lb. \$1.75.

Victor—A first-early, heavy cropping tomato with fruit the size and shape worthy of a midseason variety. Tomatoes are scarlet, very uniformly colored, average 5 ozs. in weight, semi-globular, fairly smooth and refined. Plants are small, short, and may be set as close as 2 ft. apart in the row. Pkt. 15c; ½ oz. 50c; oz. 90c.

Burpee's Jubilee—Fruits are bright golden orange, deep globe is modern, thick-walled, with few seeds and most attractive when sliced. The juice is rich, orange colored, full flavored and really delicious. Pkt. 15c; ¼ oz. 60c; ½ oz. \$1.00; oz. \$1.85.

The New Marglobe—A new rust resisting variety extensively used by shippers and canneries. The deep scarlet fruits are globe shaped with solid meat and few seeds, and is non-acid. Pkt. 10c; oz. 65c; ¼ lb. \$1.75.

Rutger's—Wilt resistant, very solid and few seeds. Resembles Marglobe in characteristics. Ripens from the center out. A consistent cropper and excellent for market, canning and juice. Pkt. 10c; oz. 65c.

Break O' Day—The fruits are almost round and have a bright orange-scarlet skin. Small seed cavity and very solid. Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

Pritchard—Wilt resistant and a heavy cropper. Fruits globe-shaped, deep scarlet, smooth and solid. Excellent for home, market and shipping. Pkt. 10c; oz. 65c; ¼ lb. \$1.75.

Beefsteak—Extremely large and very solid, there being but few seeds. In color, it is a beautiful crimson throughout. Pkt. 10c; oz. 65c; ¼ lb. \$1.75.

New Stone—A favorite late crop variety, known for its productiveness. Fruits are large, smooth, and have a deep scarlet skin. Standard variety for canneries. Pkt. 10c; oz. 65c; ¼ lb. \$1.75.

Dwarf Champion (Tree Tomato)—A main crop, purplish pink variety, especially desirable where garden space is limited. Height 2 feet, vigorous, upright and compact. Fruits are medium sized, exceptionally smooth and of excellent quality. Pkt. 10c; oz. 65c.

Golden Queen—The finest of the large yellow tomatoes. Smooth, well-shaped and having a fine distinct flavor. Non-acid. Pkt. 10c; oz. 65c.

Yellow Pear—For preserves; pear shaped. Pkt. 10c; oz. 75c.

Husk (Ground Cherry)—The small yellow fruits are enclosed in a husk. Sweet flavor; highly esteemed for preserving and excellent to eat raw. Pkt. 10c.

TURNIP

Culture—For main crop, sow in open ground from May to July; for winter use, during latter part of July and August. Set out in rows 1½ feet apart, covering with ½-inch of soil. Thin plants to 6 inches.

Purple Top White Globe—The all-purpose variety. Roots large, globe shaped, smooth, upper part purple, under side white; flesh, white, crisp and tender. Pkt. 10c; oz. 25c; ¼ lb. 55c; lb. \$1.50.

Extra Early White Milan—Roots clear white, smooth, flat and good quality. Pkt. 10c; oz. 25c; ¼ lb. 55c.

Pomeranian White Globe—Extra large round, pure white; fine stock turnip. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

Large White Norfolk—A white variety, very large and extensively grown for stock feeding. Leaves are also used for greens. Hardy and a heavy yielder. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

Yellow Aberdeen—Round, medium size, light yellow. Produces a large crop, is hardy and keeps well, flesh very firm but tender and sweet. A favorite with dairymen. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

Bortfeld (Long Yellow)—A heavy cropper and of delicious flavor. Extra fine for stock. Yellow in color and of rapid growth. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.40.

Cowhorn—Long white, slightly crooked turnip with a shade of green at top. Rapid growth, delicate and well flavored. Excellent for stock. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.40.

RUTABAGAS or SWEDES

Butzer's Best—The old, popular standard sort both for stock feeding and table use. Flesh yellow, solid and sweet. Globe shaped, large, and of finest quality. Use same cultural directions as that for turnips. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.55.

ACROCLINUM (Everlasting)

510—New Large Flowered Double Hybrids—Height 18 inches. A handsome everlasting; the plant branching and blooming freely. Extremely large flowers. One of the best and most popular for winter bouquets. Pkt. 15c.

AGATHEA

527—Coelesatis (Blue Daisy)—Flowers sky blue with yellow disk; easy growth. Pkt. 10c.

AGERATUM

530—Fairy Pink. 5 in. A compact dwarf of delightful soft salmon rose pink. Forms a compact mass of blooms. Excellent for borders. Pkt. 15c.

537—Blue Perfection—9 inches. The darkest colored of all large flowering Ageratums. Pkt. 10c.

538—Blue Cap—5 inches. Covered with miniature rich blue flowers. Ideal for low edging of borders. Pkt. 10c.

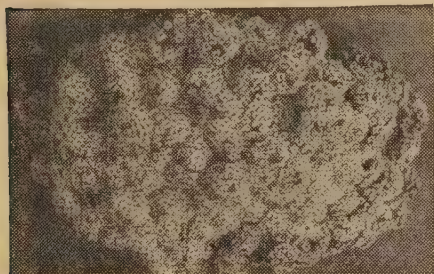


540—Blue Ball—Very compact plants with most uniform growth. Blooms, deep lavender. 5-6 inches. Pkt. 10c.

549—Finest Mixed—All colors. Pkt. 10c.

ALYSSUM

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging. Extremely fragrant and frequently used for bouquets.



565—Little Gem—4 inches. One mass of white flowers from spring to fall. Pkt. 10c.

568—Lilac Queen—Beautiful soft lilac flowers changing to white. 6". Pkt. 10c.

574—Sweet Maritimum—Trailing,

free flowering, lovely for borders. Small pure white blooms. Pkt. 10c.

575—Violet Queen—5 inches. Large heads of fragrant, bright clear violet flowers. Free and continuous bloomer. Pkt. 15c.

578—*Saxatile Compactum (Basket of Gold)—1 foot. Brilliant golden yellow flowers borne so profusely as to hide the plants. Early spring. Pkt. 10c.

AMARANTHUS

587—Caudatus (Love Lies Bleeding)—Blood-red, drooping. Pkt. 10c.

ANAGALLIS

595—Grandiflora Coerulea—11 inches. Flowers are of a real turquoise-blue and bloom freely. Pkt. 10c.

***ANEMONE (Wind Flower)**

Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets.

619—His Excellency—Single fiery scarlet. Pkt. 10c.

622—St. Brigid's Strain—May-June. Double and single mixed. 12 inches. A beautiful selection of the Coronaria varieties in a wonderful array of colors. Pkt. 10c.

***ARABIS (Rock Cress)**

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings.

634—Alpina—6 inches. A hardy perennial, bearing pure white flowers, for spring bedding and rockeries. Pkt. 10c.

Those Marked * are Perennials

ARCTOTIS

643—Grandia (Blue-Eyed African Daisy)—A quick-growing annual, forming a bush 2-3 feet across with soft whitish foliage. Flowers are large and showy—from 2 to 3 inches across—color pure white with a blue eye. Height 18 inches. Pkt. 10c.

646—New Hybrids—8-12 inches. Resembles the famous Gerberas in size and coloring, but easier grown. Excellent as a border plant and fine for cutting. Prefers a dry sunny location. Pkt. 15c.

ASTERS**Queen of the Annuals**

667—El Monte—Huge flowers of a deep glowing crimson. Pkt. 10c.

669—Golden Sheaf—The deepest yellow aster yet offered. Flowers are fully double, with an attractive crest-like center. Wilt resistant. Pkt. 10c.

673—Los Angeles—Pure shell pink, with huge flowers, charming form, with curling interlaced petals. Pkt. 10c.

676—Salmon Queen—Salmon pink blending to a rich golden salmon at center. Pkt. 10c.

GIANT CREGO (Wilt Resistant)

The Crego is one of the largest of all Asters. The petals are curled and twisted, plants branching.

665—Blue Flame. Bright navy blue.

682—Crego Blue.

683—Crego Crimson.

684—Crego Deep Rose.

685—Crego Lavender.

687—Crego Purple.

688—Crego Rose Pink.

689—Crego Shell Pink.

690—Crego White.

695—Crego Mixed.

Each of the above, per pkt. 10c.

CALIFORNIA GIANT DOUBLE

Crego type, but more substantial and larger, measuring 5 to 6 inches in diameter, borne on heavy stems. Height 2½ to 3 feet. Wilt resistant.

725—Apple Blossom

726—Dark Purple

727—Deep Rose

728—Light Blue

Per pkt. 10c.

729—Light Purple

730—Peach Blossom

731—White

735—Mixed

GIANT OSTRICH FEATHER

Tall, branching, robust; flowers immense fluffy balls with petals twisted, very showy. Excellent for cutting. Wilt resistant. 2½ ft.

780—Crimson

781—Dark Blue

782—Light Blue

783—Rose

784—Rose Pink

785—Shell Pink

786—Sky Blue

787—White

790—Mixed

Per pkt. 10c.

**GIANT CALIFORNIA SUNSHINE**

Flowers composed of single row, outer petals contrasting with unique quill-like center. Blooms measure 5 inches across. Wilt resistant. Height 3 feet.

808—Finest Mixed, pkt. 15c.

830—Heart of France—2 feet. Red as the purest ruby, deepens with age and retains its remarkable color to the very end. Pkt. 10c.

850—Butzer's Rose City Mixture of Asters—This special mixture includes all of the newest wilt resistant varieties, which will afford a splendid supply of flowers during the entire season. The best on the market! Pkt. 10c.

**HAVE YOU NOTICED OUR
FLOWER AND VEGETABLE SEED
COLLECTIONS ON THE BACK COVER?**

We Pay the Postage On All Flower Seeds.

PERENNIAL ASTERS

875—(Michaelmas Daisy). Fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses of dainty and brightly colored blossoms throughout the autumn months. All Sorts Mixed—Per pkt. 10c.

*AUBRETIA

885—Large Flowered Hybrids—5 inches. One of the daintiest of all creeping plants for carpeting beds or rockeries, forming brilliant sheets of color. A gem for planting in crevices of rocks or walls. Pkt. 15c.

BALSAM
(Lady Slipper)

905—Double Camellia-Flowered—2 feet. An old favorite producing masses of brilliant colored flowers in greatest profusion. Admirable in beds or borders. Finest Double Mixed—Pkt. 10c.

TUBEROUS
BEGONIAS

935—Double Mixed—Producing on strong, erect stems an abundance of very double flowers, ranging from brilliant rose to carmine. Pkt. 50c.



CACALIA—2 feet

960—Tassel Flower. The flowers of scarlet or gold on branching stems look exactly as the name indicates, fluffy tassels. Blooms until frost. Pkt. 10c.

CACTUS

962—All Varieties Mixed. Contains a wonderful range of good easily grown varieties of all classes. Pkt. 10c.

BUTZER'S SURPRISE GARDEN MIXTURE

975—If you want a thrill and a real adventure in gardening this year, be sure and sow this mixture liberally. We buy for this mixture annual varieties which are attractive and easily grown, many of which cannot be obtained individually. Pkt. 10c; oz. 25c.

976—BUTZER'S ANNUALS CUT FLOWER MIXTURE—Growing 1 to 3½ feet tall. Pkt. 10c.

977—BUTZER'S ANNUALS FOR ROCK GARDENS—A carefully prepared mixture of low growing, many colored, free flowering annuals, which will supply color in your rock garden all summer. Pkt. 10c.

BUTZER'S PERENNIAL SEED MIXTURES

978—*Tall Sorts Mixed—3 feet and upwards.

979—*Dwarf Sorts Mixed—From 6 to 15 inches.

980—*Medium Sorts Mixed—18 to 36 inches. Per pkt. 10c.

CALENDULA

1012—Campfire (Sensation). Flowers are extremely large and very dark orange with a scarlet sheen. Pkt. 10c.

1008—All Colors Mixed—Pkt. 10c.

1017—Bodger's Pastel Bedding Mixture—Contains a balanced combination of the lighter shades in the dwarfer growing types. Pkt. 10c.

CALLIOPSIS (Tickseed)

Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers greatly prized for bouquets and vases.

1030—Tall Double Mixed—Per pkt. 10c.

1033—Tall Single Mixed—Per pkt. 10c.

1036—Special Mixed—Per pkt. 10c.

*CAMPANULA (Canterbury Bells)

Bellflower—Beautiful, hardy herbaceous perennials, bearing a great production of attractive bellflowers.

1045—Double Blue

1046—Double Rose

Per pkt. 10c.

CAMPANULA CALYCANTHEMA
(*Cup and Saucer)

1060—Blue

1062—Rose

1095—Mixed Annual Canterbury Bells—Containing the following colors: dark and light blue, pink, rose and white. Height 2½ feet. Per pkt. 10c.

1065—Mixed

Per pkt. 10c.

CANARY BIRD FLOWER

1100—One of the most beautiful of climbers, with handsomely fringed rich yellow flowers and delicate foliage. Per pkt. 10c.

CANDYTUFT

Dwarf evergreen plants covered with blooms in spring and early summer. Excellent for rockeries or borders.

1105—*Gibraltarica—Pinkish white. Pkt. 10c.

1108 — *Sempervirens — Flowers form a sheet of whiteness. Per Pkt. 10c.

1113—Little Prince (Hyacinth Flowered) 6 inches. Immense spikes of snow-white flowers, borne in great profusion on dwarf sturdy plants. Pkt. 10c.



CANDYTUFT (Iberis Umbellata)

1120—Crimson.

1121—Flesh.

1122—Lavender

1123—Rose.

1124—White.

1130—Mixed.

Per pkt. 10c

*CANNA

Seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing.

1135—Choice Mixed—Pkt. 10c.

CARDINAL CLIMBER

1140—Ipomea Quamoclit Hybrids—A very graceful and beautiful annual climber, which grows rapidly and is densely clothed with deeply lacinated palm-like, rich green leaves, bespangled with clusters of fiery scarlet, tubular spear-shaped flowers. Pkt. 10c.

CARNATION

1165—Giant Marguerite Mixed. Flowers measuring 3 inches or more, deeply fringed, sweet scented. Choice assortment of colors. Pkt. 10c.

1155—*Chabaud's Giant Double. Everblooming, flowers large, deliciously fragrant and greatly varied in colors. 18 inches. Mixed—Pkt. 15c.

1160—*Engleman's Mixed. An extra choice variety, yielding over 80 per cent double blooms. Pkt. 25c.

CELOSIA CRISTATA

Showy, half-hardy annuals of easy culture; 1 foot; producing large brilliant comb-like flowers.

1170—Tall Crimson.—Pkt. 10c.

1174—Dwarf Mixed—Pkt. 10c.

1178—Tall Mixed. 18 to 24 inches. Pkt. 10c.

1182—Plumosa Varieties. 2½ to 3 feet. Form pyramidal bushes branching out in candelabra shape, and the numerous massive plumes which resemble ostrich feathers, wave gracefully above the foliage. Mixed—Pkt. 10c.

1185—Chinese Woolflower (Celosia Childsii)—3 feet. Each branch bears a ball of scarlet wool mixed with fresh green foliage, making each plant look like an immense bouquet. Mixed—Pkt. 10c.

CENTAUREA—Sweet Sultans

1220—Imperialis Mixed. 3 feet. Most desirable for garden decoration or cutting. The giant, long-stemmed, sweet-scented flowers are exquisitely fringed and most graceful. Per pkt. 10c.

CENTAUREA (Dusty Miller)

1234—Gymnocarpa. 1 foot. Foliage finely cut of silvery gray color, used for bedding. Pkt. 10c.

Those Marked * are Perennials

USE NUMBERS WHEN ORDERING
FLOWER SEEDS
TO AVOID DELAY

Buy the Seeds and Raise Your Own Plants.

CLARKIA

One of the most beautiful and easily grown garden plants. Useful for hanging baskets, vases and as edgings. Blooms from midsummer to late autumn. Average height 1½ feet.



- 1290—Alba Elegans.
Double pure white.
1293—May Blossoms—Pure
glowing rose which deepens
with age to a shade of pink.
1294—Salmon Queen—
Double salmon.
1295—Scarlet Queen—
Double orange scarlet.
1297—Purple Prince—
Double purple.
1298—Double Elegans
Mixed.
1299—Double and Single
Mixed.
1300—Double Enchantress
—Light orange, shading to
pink, a delightful color.
Each above, per pkt. 10c.

CLEOME

1302—Pink Queen (Spider Plant). Distinct and new, this beautiful plant bears its huge trusses of bright salmon pink from early summer until late fall. An attractive border subject for backgrounds. Pkt. 25c.

COBOEA

1315—Cathedral Bells Mixed. 30 feet. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac or white. Very vigorous and prolific bloomer. Pkt. 10c.

*COLUMBINE (*Aquilegia*)

- 1325—Long Spurred Hybrids. A strain with large, long spurred flowers in strong, brilliant tones of all colors. Pkt. 15c.
1326—Mrs. Scott Elliott's Strain of Long Spurred Hybrids. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, pinks, whites, creams, yellows, reds, etc. Pkt. 25c.
1345—Butzer's Special Mixture. This mixture contains a great variety of all long spurred types in a splendid blend of colors. Pkt. 15c.

COLEUS

1351—Mammoth Rainbow Mixture. 2 feet. The handsomest foliage plant obtained from seed. The leaves often measure 8 x 10 inches, many having fantastic markings in brilliant varied colors. Pkt. 25c.

*COREOPSIS

1359—Mayfield Giant. The golden yellow flowers are 1½-2 inches across, excellent for cutting. Plants are easily grown. Pkt. 10c.

COSMOS

1375 — Klondyke Orange Flare. Well-branched plants, 3 feet tall, covered with showy golden orange flowers in about 3 months from seed, and blooms until frost.
Pkt. 10c.

Mammoth Flowering

One of the showiest annuals for late summer blooming. Flowers are borne on long stiff stems and with the feathery foliage make beautiful bouquets.

- 1383—Crimson
1384—Pink
1386—White



- 1390—Mixed
Per pkt. 10c.

COSMOS (*Crested*)

Anemone Flowered. These differ from other varieties in formation of the center of the flower, which develops a crown or crest.

- 1408—Crimson
1410—Pink Beauty
1412—White Queen.
1414—Mixed
Per Pkt. 10c.

CYNOGLOSSUM (*Chinese Forget-me-not*)

Produces long sprays of brilliant Forget-me-not like flowers. Grows easily and blooms for a long season.
1430—Amabile Blue. Rich turquoise blue. Pkt. 10c.
1433—Amabile Pink. A bright pink. Pkt. 10c.

CYPRESS VINE

A graceful, twining annual climber with fernlike foliage and star-shaped blossoms. Soak seeds in water before planting.

- 1435—Scarlet. A very deep, rich shade. Pkt. 10c.
1437—White. Clear paper white. Pkt. 10c.
1440—Mixed. The two above colors. Pkt. 10c.

*DAHLIA



If the seed is started early, the plants will bloom the same season. Sow in shallow box in March or early April, transplant them carefully as their growth demands, and keep soil moderately moist. After all danger from frost, plant in the garden.

1445 — Coltness Hybrids—18 inches. Blooms from July until frost. Flowers have either flat or slightly fluted petals, nearly all 3 inches in diameter. Pkt. 15c.

1448—Unwin's Dwarf Hybrids. 18 inches. Blooms from June until frost. An excellent border variety with semi-double flowers of many lovely colors produced in abundance. Pkt. 15c.

1451—Finest Double Mixed. Seeds saved from choicest double flowers of many beautiful colors. Pkt. 10c.

1453—Finest Cactus. From the best varieties, mixed. Pkt. 10c.

*DAISY

Plants of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during the winter. They are not very particular as to soil, but should be grown where they have partial shade. April-June.

- 1462—Double Red. Pkt. 10c. 1469—Double Mixed.
1464—Double Rose. Pkt. 10c. Pkt. 10c.

*SHASTA DAISY

1473—A fine perennial plant bearing large white single blossoms, with yellow centers; an excellent cut flower. Soak seed in warm water over night before sowing. Pkt. 10c.

1475—New Giant Double White—An assortment of various types ranging from the most fully double fringed petaled sorts through semi-doubles. Pkt. 25c.

*DELPHINIUM

One of the dominant flowers in the perennial border of late June. In deep, rich soil, they grow to the height of 6 feet or more. All are beautiful, hardy, and live and bloom freely for years.

1484—Pacific Giants Mixed. 4-5 ft. Excitingly new and beautiful with its tall, slender, graceful flower spikes of very large and well-formed florets. Its heavy glistening texture makes it especially desirable as a cut flower. 60-80% mildew resistant. Pkt. 25c.

1485—Pride of the Garden (Wrexham). Tall spires with large florets closely placed on the spike. Rich assortment of light and dark shades. Pkt. 20c.

1488—Blackmore & Langdon's. A truly magnificent strain. The flower spikes are extremely heavy, full flowered, and exceptionally long. Pkt. 20c.

1497—Cardinale. Brilliant scarlet. Pkt. 15c.

1505—Hoodacres White. Pkt. 25c.

1507—Finest Mixed. Pkt. 10c.

1490—BUTZER'S PORTLAND HYBRIDS. Giant-flowered strain of superior quality. Flowers in blue, white, and pink combinations, many of them bicolor. Pkt. 15c.

DIMORPHOTHECA (*African Daisy*)

Showy annuals about 1 foot tall with gorgeous, daisy-like blooms during summer and fall. Easy culture in well-drained soil, sunny exposure.

1527—Golden West

1529—Orange

1535—Mixed (many colors)

Per pkt. 10c.

ESCHSCHOLTZIA

California Poppy—Blooms from early spring until frost. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. 12 inches.

1553—Golden West. Yellow orange center. Pkt. 10c.

1558—Scarlet Beauty. Deep scarlet. Pkt. 10c.

1565—Mixed. Pkt. 10c.

1570—Ramona Hybrids. The flowers are beautifully frilled and fluted, the petals incurving to form a flower which at first glance appears to be double. Plants are dwarf and compact. Pkt. 10c.

FORGET-ME-NOT (*Myosotis*)

Excellent for beds, borders, rock gardens, pots and cutting. Blooms throughout summer and fall and does especially well in a somewhat shaded position. Flowers are borne on long stiff stems.

1595—Blue

1597—Pink

1602—Mixed

Per pkt. 10c.

FOUR O'CLOCK

1604—Showy summer and fall blooming plants that do well everywhere. Flowers open at four o'clock and close in the morning. Many beautiful colors. Choice Mixed—Pkt. 10c.

***FOXGLOVE (*Digitalis*)**

A hardy perennial, with bell-shaped flowers borne on long spikes, which come in shades of purple, lavender, rose and white, all spotted lightly inside the blossoms. Height 3½ feet.

1610—Gloxiniiflora—An extra fine strain of the ordinary Foxglove. Mixed—Pkt. 10c.

1612—Butzer's Special Mixture—A grand mixture of many colors. Pkt. 10c.

***GAILLARDIA**

For cheerful long lasting garden color, Gaillardias are indispensable. Good in any situation and easily grown. Average height 2 to 3 feet. Blooms from summer until frost.

1620—*Dazzler. Large golden yellow flowers with rich maroon center. Blooms measure 5 inches across. Pkt. 10c.

1623—*Grandiflora Mixed. Composite flowers variegated with shades of red and yellow. 12-15 inches. Pkt. 10c.

1625—*Portola Hybrids. 2½-3 feet. The flowers are nearly 4 inches; brilliant scarlet intensified by golden yellow tip. Pkt. 10c.

1629—*Butzer's Special Mixture. A grand assortment of all varieties. Excellent for cutting. Pkt. 10c.

GERBERA (*Transvaal Daisy*)

1645—Jamesoni Hybrids. 2 feet. Large daisy-like blossoms. Colors range from white to crimson, pink, rose, yellow and lilac shades. Flowers both summer and winter. Seeds should be sown in a protected location. Water sparingly. Pkt. 20c.

GERANIUM

These grow readily from seed the first year and produce blooming plants the first summer.

1649—Zonale Varieties. Saved from choice collection. Pkt. 15c.

***GEUM**

Geums are showy, producing a wealth of attractive flowers much prized for cutting. Excellent for border.

1653—Lady Stratheden. A delightful shade of golden double yellow flowers. Height 2 feet. Pkt. 10c.

1656—Mrs. Bradshaw's Double Red. 2 feet. Large bright orange-scarlet flowers. June-Sept. Pkt. 10c.

1657—Prince of Orange. A true rich orange, blooming in early summer. Pkt. 15c.

Those Marked * are Perennials

GODETIA

Attractive, bushy plants with masses of large, colorful blooms during the summer and fall, which thrive in partial shade and even rather poor soil. Excellent for beds or borders. 18 inches.

1679—Sybil Sherwood. 20 inches. Flowers are a lovely shade of salmon-pink with petals edged with white. Pkt. 10c.

1699—Double Carmine. 1716—Dwf. Double Mixed.

1707—Double Pink.

1694—Dwf. Single Mixed.

1711—Double Rose.

Per pkt. 10c.

ORNAMENTAL GOURDS

Seeds should be sown about 1 inch deep, after all danger of frost, and the plants should be left ½ foot apart. Plant in full sun and keep soil moist—but not too wet.

1734—Large Varieties Mixed—Pkt. 10c; oz. 50c.

1735—Small Varieties Mixed—Pkt. 10c; oz. 50c.

1736—All Varieties Mixed—Pkt. 10c; oz. 50c.

GYSOPHILA

Graceful plants of light fairy-like growth. The misty blooms add interest to a bouquet.

1740—Elegans Grandiflora Alba (Angel's Breath). An improved large-flowered variety of pure white. Easy growth. Pkt. 10c.

1746—Elegans Rosea. Soft pink. Pkt. 10c.

1750—*Paniculata (Baby's Breath). 2-3 feet. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Pkt. 10c.

1758—*Pacifica (Perennial). 4 feet. Withstands both severe winter and extreme heat. The seedlings form dense bushes with myriads of tiny pink blossoms. Pkt. 15c.

HELIOTROPE

1786—A well known plant with delightfully fragrant flowers. Excellent for pots or bedding. 18 inches. Choice Mixed—Pkt. 10c.

***HELLEBORUS (*Christmas Rose*)**

1791—Niger. 10 inches. Rare, interesting perennial, which blooms in winter or early spring. White flowers 2 inches in diameter. Pkt. 15c.

HELICHRYSUM

1816—A free flowering everlasting flower, growing 4 to 5 feet high and bearing beautiful straw-like flowers in a great variety of shades and colors. Stems are long and the blossoms large. Finest Mixed—Pkt. 10c.

***HEUCHERA (*Coralbells*)**

From a tuft of heart shaped leaves, graceful flower stalks rise, bearing flowers in clusters. Beautiful both in border and in rockery.

1821—Sanguinea Hybrida Grandiflora. 2 feet. Large flowers of all shades of red and coral pink. Pkt. 25c.

***HIBISCUS (*Rose Mallow*)**

Noble shrub-like plants, with handsome green foliage, bearing throughout the summer large bright flowers, from 3 to 5 inches in diameter.

1829—Mixed Mallow Marvels. Grand assortment. Pkt. 10c.

***HOLLYHOCK**

A hardy perennial of upright, stately growth, 5 to 8 feet high. The double and semi-double fringed types are extensively planted for backgrounds next to a building or high wall or fence.

1848—Scarlet

1855—Newport Pink

1851—Yellow

1859—Double Mixed

All of the above, per pkt. 10c.

1863—Double Imperator Improved. The blooms are composed of a very broad collar of frilled and fringed petals. Mixed Colors—Pkt. 15c.

1865—Indian Spring. Large individual flowers from pink to deep rose. Pkt. 15c.

HUNNEMANIA

1873—Bush Eschscholtzia or Santa Barbara Poppy. 1½ feet. Double. A golden yellow poppy, pleasing in the border and as a cut flower. Plants grow into shrubby bushes, producing large cup shaped flowers. Pkt. 15c.

HAVE YOU ORDERED YOUR SWEET PEA COLLECTION?

KOCHIA

1895—Standing Cypress or Belvedere. Forms a cypress-like hedge of the most lively green. By mid-summer, it attains a height of 3 feet and turns to a deep red in the autumn. Of easy culture. Pkt. 10c.

LANTANA

1905—Hybrida, Mixed. 2 feet. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer. They have an agreeable aromatic perfume. Pkt. 10c.

LARKSPUR GIANT IMPERIAL—4 feet



Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for florists' and general garden uses. June.

1925—Blue Bell. A delightful clear light blue.

1926—Blue Spire. Deep Oxford blue.

1928—Carmine King. Rich carmine.

1930—Exquisite Pink. Soft pink shaded salmon.

1932—Lilac Spire. Exquisite lilac colored spikes.

1934—Los Angeles Improved. Rich rose.

1936—Miss California. Rich deep pink on salmon ground.

1938—White Spire. Dazzling pure white.

1941—Rose City Mixed. A mixture of the newest larkspurs, including the new salmon shades.

1945—Special Mixture. A charming mixture containing all the bright and delicate shades. Makes wonderful cut flower material, and should be planted generously.

Each of the above, per pkt. 10c.

*LATHYRUS LATIFOLIUS

Very decorative climbing vines of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting. Blooms all summer.

1950—Pink Beauty. Pale pink. Pkt. 10c.

1951—Rubra. Bright rosy crimson. Pkt. 10c.

1952—White Pearl. Large-flowering white. Pkt. 10c.

1955—Mixed. The above colors. Pkt. 10c.

LINUM

1983—Grandiflorum Rubrum (Crimson Flax). 2 feet. One of the most brilliantly colored of summer annuals, flowers glowing crimson-rose. Very beautiful in beds and borders. Pkt. 10c.

1986—*Perenne, Blue. Light blue flowers. May-Aug. Pkt. 10c.

LOBELIA

The compact class form bushy plants fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration.

1990—Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt. 10c.

Trailing Varieties

The following varieties are especially effective in hanging baskets or window boxes.

1994—Speciosa. 10 inches. Dark blue. Pkt. 10c.

1995—Sapphire. Large, deep blue flowers, with a pure white eye. Pkt. 10c.

2001—LUPINUS, RUSSELL HYBRIDS

The Russell Hybrid Lupines grow into well-rounded, well-branched bushes, each developing a number of extra-large spikes closely set with flowers. A beautiful range of colors including bicolor combinations. Pkt. 20c.

*LUPIN

Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom.

2004—Polyphyllus (Old Fashioned Garden Lupin). 3 feet. Stately spikes of blue flowers all summer. Pkt. 10c.

2010—Mixed. Splendid value. Pkt. 10c.

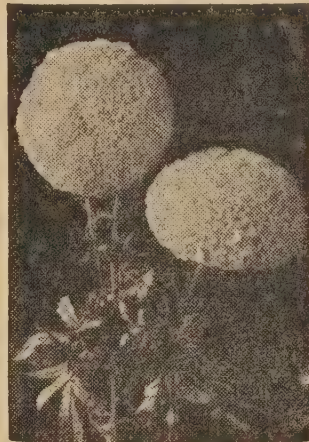
LUPINUS

2015—Tall Annual Varieties Mixed. 2 feet. Ornamental, free flowering, easily grown, with long graceful spikes of rich and variously colored pea-shaped flowers. Pkt. 10c.

2020—LUPINS HARTWEGI GIANTS MIXED. Annual Lupins are an old favorite, flowering freely without any special care. There are 5 or 6 long basal branched spikes to each plant, bearing closely placed giant blooms of dark blue, sky blue, rose or white. Pkt. 10c.

MARIGOLD

2028—Harmony Butterball. The name fits this pretty edging marigold of canary yellow. Height 10 inches with abundance of blooms covering the entire plant with 1½-inch globular blossoms. Early and continuous flowering; excellent for border. Pkt. 15c.



2029—Spotlight — French Dwarf Double Harmony. — Compact, free flowering and extra early. Crested center of golden yellow, velvety mahogany guard petals. 12-14 inches. Pkt. 15c.

2035—Gigantea Sunset Giants. 3½-4 feet. A remarkable, extremely large, sweet scented flower on robust plants. Lovely shades from cream to deep orange. Flowers 5-7 inches in diameter. Pkt. 15c.

2036—Carnation Flowering Burpee's Gold. The carnation-like flowers grow 3½ to 4 inches across and are of a glorious bright orange color with the long petals loosely arranged. Height 2½ ft. The foliage is entirely free of the usual marigold odor. Pkt. 15c.

2037—Dwarf Gigantea Pot O' Gold. 15 inches. A very early variety bearing 4-inch flowers, full centered and 100 per cent double, fragrant and strikingly beautiful, bright deep golden orange. Bears 12 or more blooms at one time. Pkt. 20c.

2038—Chrysanthemum Flowered Hybrids. 3 ft., an early flowering strain, bearing flowers of several distinct types and tones of orange and yellow. Some have quilled and incurved petals, others flat carnation type flowers. Pkt. 15c.

2039—Idabelie Firestone. Tall double flowering hybrid of the African and French species. Has 2½-inch mahogany red flowers on vigorous 3-foot bushes. This is a distinct and lovely marigold. Pkt. 15c.

2040—Harmony. Flowers in form suggesting a Scabiosa, are bright golden-yellow bordered with a rich maroon-red. Plants are about 12 inches high, and very bushy habit. Pkt. 15c.

2042—Scarlet Glow. In the sun this flower does glow and seem more red than any other marigold. A well fixed Dwarf French Double. Compact, 1 ft. bushes, color deep maroon. Pkt. 15c.

2043—Yellowstone. A beautiful golden yellow of incurved petal, globular form, with 2½-inch flowers. Height 3 to 4 feet with abundance of bloom. Pkt. 15c.

2051—Yellow Pygmy. 8-inch light lemon yellow. Lilliput French Double. Small 1¼-inch blooms. Rather free and exciting for edging beds. Pkt. 15c.

2052—Harmony Hybrid (French Dwarf Double). 11 inches. All the flowers have the familiar crested center, ranging in colors from a light yellow center with a deep mahogany border to a stripe in the yellow making a very attractive flower. Blooms 1¾ to 2 inches in diameter. Pkt. 15c.

2055—Lemon Ball. A counterpart of Orange Ball except in color, which is a soft lemon-yellow. Pkt. 10c.

MARIGOLD

2059—Orange Ball. Large, perfect, double-quilled flowers of a rich deep golden-orange; very showy. Pkt. 10c.

2067—Tall African. Finest Mixed—Pkt. 10c.

2091—Spry. Miniature version of Harmony, growing in compact 9-inch bushes. Producing freely. Flowers less than half the size of the popular variety Harmony. Pkt. 15c.

2157—Little Giant. An attractive little Marigold with slender fernlike foliage and an abundance of dainty, single, golden orange flowers on plants 4 to 6 inches high with a spread of 8 inches. Pkt. 10c.

2075—African Little Giants Mixed. 15 inches. Compact plants bear 25 to 30 four-inch flowers from yellow to orange varying in form from the informal carnation to perfect ball shape. Pkt. 15c.

MATTHIOLA

2165—Evening-scented Stock. 15 inches. Lilac flowers which in the morning, evening and after a shower emit a delicious perfume perceptible at a distance. Pkt. 10c.

MIMULUS

2168—Tigrinus (Monkey Flower) Queen's Prize, Single Mixed. 1 foot. Dwarf bushy plants, with large Gloxinia-like flowers handsomely blotched and striped. Many colors. Does best in partial shade. Pkt. 15c.

MIGNONETTE

A well-known, old-fashioned flower highly prized for its fragrance, either in the garden or in mixed bouquets.

2170—Bismarck (Reseda). 1 foot. The red flowers are very large, the spikes dense, foliage crinkly, and its powerful fragrance is delicious. Pkt. 10c.

2173—Sweet-Scented (Reseda Odorata). An old-fashioned variety with small spikes, but very sweet scented. Pkt. 10c.

MOONFLOWER

Beautiful rapid annual climbers. Foliage very dense and in some kinds of remarkable shape.

2180—Double Rose Marie. A quick-growing, early free-flowering Ipomoea that is continuously loaded with clear deep rose, double flowers. Pkt. 20c.

2181 — Grandiflora Alba (Moonflower). Large white blossoms, 5 to 6 inches across, which expand at night. Pkt. 10c.

2182—Heavenly Blue Improved (Moonflower). Sky-blue blooms. Of strong vigorous growth, quickly attaining the height of 12 to 15 feet. Pkt. 10c.

MORNING GLORY

2185—Tall Mixed. A great variety of colors of the old-fashioned, popular, rapid-growing climber. Pkt. 10c.

2191—Setosa (Brazilian Morning Glory). A summer climber, making a dense shade. Flowers rose colored usually 8 to 4 inches in diameter. Pkt. 10c.

2192—Scarlett O'Hara. An entirely new color in this popular flower—rich dark wine or deep crimson. Pkt. 15c.

NASTURTIUMS

These favorite and well-known flowers are not particular as to soil, fertility or cultivation. If you have an unsightly spot, plant Nasturtiums and convert it into a beauty spot. The dwarf varieties may be used for covering unsightly fences and banks.

Semi-Double Sweet Scented

2276—Dwarf Golden Globe. Identical in color with the popular Golden Gleam but dwarf and compact in habit. Pkt. 10c; oz. 25c.

2283—Dwarf Gem Mixture. The good-sized sweet scented double flowers come in an excellent color range. Pkt. 10c; oz. 25c.

2270—Golden Gleam. Large very double sweet scented flowers of an attractive golden yellow. Pkt. 10c; oz. 25c.

2273—Orange Gleam. Large, uniformly double flowers of deep golden orange, with a deeper shading at the center. Very free flowering. Pkt. 10c; oz. 25c.

2279—Scarlet Gleam. The fiery orange-scarlet flowers are fully double, very large, sweet scented. Pkt. 10c; oz. 25c.

2289—Gleam Hybrids. Large sweet scented double and semi-double flowers. Wide color range. Pkt. 10c; oz. 25c.

Single Nasturtiums

2225—Dwarf Mixed—Pkt. 5c; oz. 20c; ¼ lb. 60c.

2253—Tall Mixed—Pkt. 5c; oz. 20c; ¼ lb. 60c.

NEMESIA—1 foot

The orchid-like flowers range from rose to yellow, orange and blue. Free-blooming dwarf bushes for pot culture and open borders.

2295—Large Flowered Mixed. The finest strain for size and richness and variety of colors. Pkt. 10c.

NEMOPHILA (Baby Eyes)—6 inches

Very hardy and of easy culture. Makes a very effective front row to a bed or border.

2299—Insignis Mixed. Cup-shaped flowers in many bright colors. Pkt. 10c.

NICOTIANA

Sweet Scented Tobacco Plant. One of the earliest annuals to raise. The blossoms in shape are similar to a Petunia blossom, but with a longer tube.

2304—Affinis. Free flowering variety; fragrant waxy star-shaped white flowers; 3 feet high. Pkt. 10c.

2309—Nicotiana Affinis Hybrids. Mixed colors. Pkt. 10c.

NIGELLA

2315—Love in a Mist, Mixed. A compact free flowering plant, with finely cut foliage, curious-looking flowers and seed pods; hardy and of easy culture. Height 1 foot. Pkt. 10c.

2316—NIEREMBERGIA

Purple Robe. 4-6 inches. Forms a cushion of elegant light green foliage from which emerge cup-shaped flowers of a delicate lavender hue, adorned with a clear yellow eye. Pkt. 25c.

*OENOTHERA

2319—Lamarckiana Evening Primrose, Mixed. ½ to 2 feet with large, saucer-shaped flowers, open at dusk; emit a delightful perfume. Pkt. 10c.

PANSIES



2325—Butzer's Rose City Giants. Early flowering, robust plants, with long stems; huge five-spotted flowers of heavy texture in a remarkably beautiful range of colors, that appear almost double. Try this sensation this year. Per pkt. 25c; 5 pkts. \$1.

2328 — Butzer's Oregon Giant Mixture. A mixture of special strains producing flowers of largest size and great substance in the most varied colors and color combinations. Per pkt. 10c; ¼ oz. \$2.00.

2345—Swiss Giants Mixed. The gigantic flowers are of good substance and fine form. Bloom early in the spring until late fall. Pkt. 25c; 5 pkts. \$1.00.

2350—Maple Leaf Giants Mixed. Flowers are from 3 to 4 inches across under good cultivation. Of wonderful substance and fine form. Many charming colors. Pkt. 25c.

2370—*PASSIFLORA (Passion Vine)

A splendid perennial climber, with beautiful delicate flowers of peculiar formation. Choicest Mixed. Pkt. 10c.

Those Marked * are Perennials

***PENTSTEMON (Beard Tongue)**

2372—Sensation. 2 feet. Produces large spikes of handsome Gloxinia-like flowers in the most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. Pkt. 10c.

**PETUNIA**

The Petunia is without a peer among annuals for effective summer bedding or indoor culture. They are of easy culture, early to bloom and continue throughout the summer until the first killing frost.

2380—Giants of California, Mixed. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt. 15c.

2375—Dwarf Giants of California. Flowers are very large with open yellow

throats, heavily marked and delicately veined. Mixed colors. Pkt. 25c.

2384—Dainty Lady is a grandiflora single fringed variety of a distinct new hue in Petunias, a delicate golden-yellow. Pkt. 25c.

2400—Rosy Morn. Of compact growth and literally covered with flowers 1½ inches in diameter. The throat is silvery white, while the edges are heavily flushed with soft rose-pink. Pkt. 10c.

2404—Rose of Heaven. Excels by its marvelous color—rich brilliant rose, white throat. Pkt. 10c.

2405—Rose Gem. The small flowers are of the rich rose shade so popular for edgings and rock gardens. Pkt. 15c.

2410—Heavenly Blue Re-Selected. A silvery light blue. Pkt. 10c.

2411—Celestial Rose. Rich satiny rose. Pkt. 15c.

2412—Salmon Supreme. 12 in. Distinct light salmon color. Flowers 1½ in., white throat. Pkt. 15c.

2413—Flaming Velvet. Velvety crimson. Pkt. 15c.

2414—Fine Mixed. Excellent for bedding; many colors. Pkt. 10c.

Balcony Petunias

A splendid large and free flowering type either for window boxes, vases, hanging baskets, etc., the flowers average 3 inches across.

2424—Balcony Black Prince. Dark crimson, rich and velvety, remarkably even.

2425—Balcony Blue. Velvety indigo blue.

2427—Balcony Rose. Brilliant rose-pink.

2428—Balcony Red.

2429—Balcony White.

2433—Balcony Mixed. All colors.

Choice of the above, per pkt. 10c.

2439—Pride of Portland. Deep rose fringed.

2447—Elk's Pride. Plain, edged black-purple.

2450—White Beauty. Fringed, pure white.

2455—Mixed.

Choice of above, per pkt. 25c.

PHLOX

2482—Nana Compacta Dwarf Mixed. Much superior to other Phlox for ribbon borders and bedding. Plants are 8 inches high and covered with flowers during the whole summer and fall. Pkt. 10c.

Phlox Drummondii

Plant a bed of these beautiful annuals this year. If faded flowers are removed, they bloom until late frost.

2485—Crimson.

2487—Dark Blue. True blue.

2490—Isabellina. Yellow.

2494—Rose. Pink.

2497—Violet. With white eye.

2499—White.

2501—Finest Mixed.

Any of the above, per pkt. 10c.

2505—Gigantea Art Shades. A most wonderful range of soft colors blended together making a most beautiful mixture. Pkt. 15c.

Those Marked * are Perennials

***PHYSALIS**

2515—Franchetti (Chinese Lantern Plant). 1½ feet. Flowers yellow with dark center. Produces balloon-like husks, which turn bright red when ripe and resemble Chinese lanterns. Pkt. 10c.

***PINKS (Hardy)**

2552—Deltoides (Maiden Pink). 6 inches. Beautiful little plants with narrow leaves, with a profusion of small flowers during July and August. Pkt. 10c.

2555—Clove Pinks. The delicately fringed, variously colored flowers are fragrant, attractive and fine for bouquets. Pkt. 10c.

2560—Sweet Wivelsfield. It has a great variety of color, and a long blooming season. Resembles the annual Sweet William. Magnificent bedding subject. Pkt. 10c.

***POPPIES**

These gorgeous spring flowers, often 6 inches across, of vivid color, may be left undisturbed for years. They are beautiful with the tall bearded Iris.

2570—Oriental Scarlet—Pkt. 10c.

2573—Orientale Hybrids Mixed—Pkt. 10c.

Nudicaule (Iceland Poppy)

The bright colored flowers are borne on stems which rise to a foot above a tuft of fern-like leaves.

2578—Empress. Unique color range of salmon rose and pink tones. Pkt. 10c.

2580—Emperor. Finest giant orange variety with overlapping fluted petals giving effect of some-double-ness. Pkt. 15c.

Shirley Poppies

This variety has beautiful satiny flowers of various colors, all with white centers.

2640—American Legion. Brilliant orange scarlet. Pkt. 10c.

2648—Shirley Mixed. Beautiful flowers in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Pkt. 10c.

PORTULACA—Rose Moss

Portulaca makes a brilliant carpet for a sunny spot where a ground cover is needed. Flowers look like little roses and bloom abundantly. Makes a beautiful border.

2660—Single. Mixed colors. Pkt. 10c.

2665—Double. Mixed colors. Pkt. 10c.

2666—Double and Single Mixed—Pkt. 10c.

PRIMULA or PRIMROSE

These are about the first flowers that bloom in the spring. Their colors of blue, red and yellow are most attractive. Excellent for rock gardens and along shady paths. 8 to 12 inches high.

2670—*Primula Veris Coerulea. Dark blue shades. Pkt. 20c. Crop Failure.

2674—*Primula Veris. Red shades. Pkt. 25c.

2679—*Primula Butzer's Pride. This is a strain of extra large flowered varieties, mixed of wonderful colors. Pkt. 25c.

2685—*Veris Polyanthus Mixed. An extra choice large flowered mixed strain. Pkt. 10c.

2688—*Veris Acaulis Mixed—Pkt. 10c.

2691—*Vulgaris (English Primrose). Canary yellow, fragrant. Pkt. 15c.

2695—*Japonica Mixed. Several superimposed whorls of flowers on stems 8-24 inches high. June. Pkt. 15c.

RICINUS

Giant, strong growing plants 6 to 15 feet tall, with ornamental foliage. Commercial castor beans are of a different variety.

2743—Sanguineus—Tricolor. Has blood-red stalks and green leaves with red veins. Pkt. 10c; oz. 35c.

2746—Zanzibarensis—Mixed. A very large leaved variety, deep green and bronze. Pkt. 10c; oz. 35c.

2750—Mixture of all varieties—Pkt. 10c; oz. 35c.

USE NUMBERS WHEN ORDERING
FLOWER SEEDS
TO AVOID DELAY

***ROMNEYA**

2755—Coulteri (California Tree Poppy). 5 feet. Flowers all summer. Beautiful snowy white fragrant flowers. Pkt. 15c.

SALPIGLOSSIS (Painted Tongue)

These showy, half-hardy annuals bear beautiful funnel-shaped flowers having dark veins in a ground which varies from white to crimson, yellow, orange, etc., and intermediate shades. Blossom from late summer until frost. 2 feet.

2785—Extra Fine Mixed. A choice mixture of large flowering varieties. Pkt. 10c.

SALVIA

The plants are showy and beautiful in beds or pots. The blossoms are borne on long stems in racemes or spikes. In fall until frost.

2787—Indian Purple. A true violet purple holding its color and flowers through the hottest summer. Gives striking effects in combination planting. Height 2 ft. Pkt. 20c.

2790—America or Globe of Fire—16 inches. The freest and most continuous bloomer; also the most uniform in habit of growth, making it particularly valuable for bedding or ribbon borders. Pkt. 20c.

2793—Clara Bedman (Fireball). 2 feet. The spikes grow upright completely enveloping the plant and are of a most brilliant dazzling scarlet. Globular bushes. Pkt. 10c.

2796—Salvia Splendens (Scarlet Sage). 3 feet. Beautiful scarlet; large flowering. Excellent for filling large beds or borders. Pkt. 10c.

2799—Zurich. 18 inches. Early, brilliant scarlet spikes. Excellent for borders. Pkt. 10c.

SCABIOSA (Mourning Bride)

An important annual for cut flowers. Blooms on long slender stems, which are exceedingly graceful. Soft tones predominate.

2838—Mixed All Colors—Pkt. 10c.

2818—Blue Cockade. Pure deep azure blue. Pkt. 15c.

2819—Blue Moon. 4 feet. Large blossoms of conical shape of sky-blue tinged with lavender, borne on long strong stems. Pkt. 15c.

2845—*Caucasica New Hybrids. A collection of new shades in this well-known perennial variety. Pkt. 20c.

SCHIZANTHUS

2866—Grandiflora Butterfly Mixture. A strikingly bright mixture, with large flowers beautifully marked, on compact, free flowering 12 to 15-inch pyramidal plants. Pkt. 15c.

SNAPDRAGONS

Rust resistant maximum, giant flowered spikes 28 inches tall, blooms 2 inches across.



If you have found snapdragons difficult to grow, rust is probably responsible. Growing the Rustproof strain, difficulties disappear. Seeds germinate better, plants are more vigorous, the foliage clean, flowers large and of fine color and the flowering season prolonged.

Rust-Proof Maximum — Giant flowered. Spikes 32 inches tall, and blooms 2 to 2½ inches across.

2890—Apple Blossom. Rosy pink, yellow lip.

2891—Alaska. Pure white.

2892—Canary. Golden yellow.

2893—Copper King. Velvety copper scarlet.

2894—Crimson. Bright crimson.

2895—Indian Summer. Coppery orange scarlet.

2896—Old Gold. Deep golden yellow.

2899—Purple King. Deep glowing purple.

2900—Red Cross. Deep rich crimson.

2901—Salmon Rose Shades.

2902—Snowflake. Pure white, yellow tube.

2903—Sensation. Deep pink.

2905—The Rose. Rose pink.

2910—Finest Mixed.

Per pkt. 15c.

Semi-Tall Sorts, 18 to 20 Inches

These are recommended for most beds and borders as they require no staking.

2938—Black Prince. Nearly black, small dark leaves. Pkt. 10c.

2965—Tom Thumb Mixture. A delightful new strain forming compact tufts 4 to 6 inches high, covered with miniature flowers. Excellent for rockeries and border. Pkt. 20c.

2970—California Giant Mixture—Rust-Proof. This comprises a fine full color range of popular colors including exquisite shades of pink, rose, apricot, bronze, orange, light and deep yellow, scarlet, crimson and white. Fine for border, cutting and florist use. Pkt. 20c.

2975—Butzer's Special Mixture. Includes all the above and many other charming varieties and a packet will furnish you with a never-ending color combination of long-stemmed cut flowers. Pkt. 10c.

***STATICE (Sea Lavender)**

The annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, and is indispensable in making winter bouquets.

3005—Sinuata Mixed—Pkt. 10c.

***STOKESIA (Cornflower Aster)**

3020—Cyanea Mixed. Large flowers resembling a single Aster, prefers a light soil and some winter protection. Blue and white. Pkt. 10c.

STOCKS

Double Early Giant Imperial or Improved Bismarck—26 inches. Branching plants, long stems, large double flowers, elegant in beds or pots and fine for cutting. Extensively used for greenhouse forcing.

3050—Antique Copper — Very fashionable art shade.

3053—Buttercup — Deep fine yellow.

3056—Chamois Rose—Rose with a distinct golden sheen.

3059—Elk's Pride — Rich royal purple.

3062—Fiery Blood-Red. Glowing shade.

3065—Flesh. Delicate light pink.

3068—Lavender. Strikingly beautiful.

3071—Old Rose. Fine deep fascinating color.

3074—Shasta. Enormous spikes of glistening white.

3080—Bismarck Mixed.

Any of the above separate varieties, pkt. 15c.

***SWEET WILLIAMS**

Dianthus Barbatus—A well known attractive, free-flowering, hardy perennial, producing a splendid effect in beds and borders.

3440—Dark Crimson—Pkt. 10c.

3449—Giant White—Pkt. 10c.

3452—Purple Beauty. Bright deep purple. Pkt. 10c.

3455—Pink Beauty (Newport Pink)—Pkt. 10c.

3458—Scarlet Beauty. A charming and distinct color. Pkt. 10c.

3460—Giant-Flowered Single Mixed—Pkt. 10c.

3462—Giant Double-Flowered Mixed—Pkt. 10c.

3465—Midget Single Mixed. Bushy compact plants about 6 inches tall covered with single flowers in a wide range of colors. Ideal for the perennial border. Pkt. 15c.



**HAVE YOU NOTICED OUR
FLOWER AND VEGETABLE SEED
COLLECTIONS ON THE BACK COVER?**

Those Marked * are Perennials

SWEET PEAS—GIANT SPENCER

Culture—Early planting is advised so that they may bloom before very hot weather. Dig the soil deeply to allow deep rooting. Open a trench 4 to 6 inches deep, in which plant the seeds early in February and cover with an inch of soil and press it firmly. When up about 2 inches begin cultivating and gradually fill the trench until it is level. Do not allow the roots to become too dry; water at least twice a week.

Fall Planting—Sweet peas may also be started in October, November and December, planting 4 to 6 inches deep, but covering with 1 inch of soil and working a mulch of leaves over the top. They will become well rooted and grow up at the first opening of spring and produce an abundance of blooms earlier and for a longer season than spring plantings.

GATHER SWEET PEA BLOOMS FREQUENTLY; THE MORE YOU CUT THEM THE BETTER AND LONGER THEY BLOOM.

Named Varieties—Pkt. 10c; oz. 50c; ¼ lb. \$1.25, postpaid.

3405—Cupid, Dwarf or Bedding. These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all colors. Pkt. 10c.

3200—Shirley Temple. A beautiful and popular soft rose pink, excellent stems. Pkt. 10c.

Ruffled Sweet Peas

3206—Ruffled Beauty. Cream-pink with a sheen of bright lilac.

3209—Ruffled Carmine. Lovely carmine-rose with a pastel-mauve sheen.

3218—Ruffled Primrose. The best primrose or cream.

3221—Ruffled Sparkle. Pure shade of cerise that glows softly.

3224—Ruffled White. Pure white flowers of gigantic size.

3227—Giant Ruffled Mixed. A mixture made up of the 8 named Ruffled Sweet Peas as well as other colors of which we do not have as yet sufficient stock to offer separately.

BLUE

3313—Flagship. Deep navy blue.

3314—Mrs. Tom Jones. Bright delphinium-blue.

3332—Reflection. Clear Cornflower-blue.

CREAM

3263—Daffodil Improved. Deep cream.

3356—What Joy. Rich, deep primrose-yellow.

CRIMSON SCARLET

3251—Campfire. Vivid scarlet.

3256—Captain Blood. Intense brilliant blood scarlet.

3260—Crimson King. True crimson; very good.

3302—Huntsman. Strikingly bright scarlet.

3329—Red Boy. Rich bright deep crimson.

3338—Royal Scot. Scarlet-cerise with orange sheen.

3330—Red Rover. Dark crimson.

LAVENDER

3232—Powercourt. Extra large lavender.

3233—Ambition. A beautiful lavender-lilac.

3236—Austin Frederick. Bright rosy lavender.

3294—Highlander. Clear lavender.

MAROON

3320—Olympia. Deep rich purple.

3353—Warrior. The popular chocolate-maroon.

ORANGE

3350—Tangerine Improved. Tangerine-orange.

PINK—ROSE

3274—Ecstasy. Blush pink.

3275—Fluffy Ruffles Improved. Dainty cream pink.

3287—Good Cheer. Deep begonia rose.

3299—Hercules. A very rich deep pink.

3308—Mary Pickford. Cream-pink suffused salmon.

3311—Miss California. Cream-pink; salmon hue.

3326—Pinkie. Clear deep rose-pink.

3335—Rosie. Rose pink, deeper than any of the standard rose-pink varieties.

3241—Simplicity. Clear deep rich salmon-pink.

3325—Pink Frills. Rich salmon pink.

WHITE

3277—Gigantic. Extra large pure white.

3278—Giant White. Pure white, black-seeded.

3317—Model. A popular black-seeded white tinged blush.

3400—BUTZER'S SUPERB SPENCER MIXTURE

All Waved or Spencer Varieties Mixtures
of Sweet Peas

Most people obtain more satisfaction from planting Sweet Peas in mixture than from growing named sorts. We assure our customers the Mixtures of Sweet Peas which we offer are the results of as great care in selecting as any stocks we grow and as fine flowers are obtained from these as from any seed that can be bought. Price per pkt. 5c; oz. 25c; 4 oz. 75c, postpaid.



A special garden size for peas, beans and sweet peas will insure you large, luscious peas and beans, and abundant sweet pea blossoms of gorgeous coloring. Price 10c

30c BUTZER'S "ROSE CITY" GIANT SPENCER SWEET PEA COLLECTION 30c

THIS COLLECTION CONTAINS ONE EACH OF THE FOLLOWING

WELCONE
Scarlet

HIGHLANDER
Clear Lavender

BONNIE BRIAR
Large Rose Pink

MAYFAIR
Rich Pink

BURPEE'S BEST
Giant White

SIMPLICITY
Salmon Pink

GIANT SPENCER LARGE FLOWERS, LONG STEMS AND FREE BLOOMING

TITHONIA

3480—*Speciosa Mexican Sunflower*. The flowers resemble a giant single Zinnia of a vivid orange-scarlet; borne on huge bushes with woody stems and large leaves with velvet bloom. Especially desirable for planting among shrubs. Pkt. 15c.

3481—*Speciosa Grandiflora Fireball*—8 feet. This flower is a very brilliant vibrant shade of scarlet orange, the petals in dazzling contrast to the clear yellow center. Single, very large, 5 inches in diameter. Grayish green woolly foliage. Start seeds inside and set out after all danger of frost. Pkt. 15c.

VENIDIUM

3515—*Fastuosum Hybrids*—2-3 feet. A new race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers. Pkt. 15c.

VERBENAS

Verbenas are free flowering annuals of low spreading growth, adapted for bedding, borders and small gardens. We offer the following in the Mammoth strain.

3520—Blue Shades.

3524—Helen Willmott. Salmon-rose, white eye.

3527—Purple Shades. Dark purple.

3530—Lucifer. Vivid scarlet-self.

3533—*Gigantea Alba*. Pure white. Very fragrant.

Above, each, pkt. 10c.

3538 — *Mammoth Mixed*—Producing in handsome umbels flowers of large size of white, rose, scarlet, blue, purple. Pkt. 10c.

3543 — *Royal Bouquet Mixed*—12 inches. Excellent for cutting. Each plant bears full clusters of large starry eyed flowers at the tip. Colors comprise a full range of the brighter shades. Pkt. 10c.

3548—*Beauty of Oxford Hybrids*. Many shades ranging from rose-pink to rose-red. Large blooms in elegant round trusses. Exceedingly showy. Pkt. 10c.

3552—*Hybrida Compacta* (Edging Variety). Very compact, dwarf and free flowering. Bright shades. Excellent for the annual rock garden. Mixed, pkt. 10c.

*VIOLA CORNUTA

There are few bedding plants so dependable, colorful and persistent in blooming over a long period as the tufted pansy. While the individual flowers are smaller than the regular pansy, they are produced in such profusion that the beds are a sheet of bloom through the entire season.

3572—*Lutea Splendens*. Chrome yellow. Pkt. 10c.

3574—W. H. Woodgate. Intense blue, bluest of all. Pkt. 25c.

3576—Blue Perfection. Deep bright blue. Pkt. 15c.

3580—Jersey Gem. Deep violet-blue. Pkt. 15c.

3585—*Cornuta Mixed*. Colorful blend of the above and others. Pkt. 15c.

3586—Little-Johnny-Jump-Up. 4 in. The old-fashioned viola found in old gardens, tenacious. Pkt. 25c.

VIRGINIAN STOCK

French Forget-me-nots—Their fresh bright colors in edgings and beds produce a charming effect. Very fragrant and early blooming.

3590—Mixed Colors—Pkt. 10c.

WALLFLOWER

Very highly prized, old-fashioned plants grown largely for their fragrance; half-hardy perennial varieties; 1½ feet.

3623—*Single Finest Mixed—Pkt. 10c.

3629—*Double Tall Branching. Finest Mixed. 3 feet. Pkt. 10c.

3635—WILD CUCUMBER

The quickest growing climber on our list, attaining a length of 30 feet in one season. It is thickly dotted with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. It will quickly cover an unsightly building. Pkt. 10c.

Those Marked * are Perennials

“WILD” FLOWER GARDEN

3637—“Wild Flower Garden Seeds” are a mixture of over 100 varieties of hardy flower seeds. Pkt. 10c.

ZINNIA (*Fantasy*)

3642—*Star Dust*—2½-3 feet. This deep golden-yellow selection will be a welcome to Zinnia lovers. The Fantasy type flowers have shaggy, ray-like petals. Pkt. 15c.

3644—*Wildfire*—2½-3 feet. A rich razzling scarlet which adds color and cheerfulness to the garden; free blooming. Pkt. 15c.

3645—*Fantasy Mixed*. This new Fantasy Mixture meets the demand in all details; the rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance. The color range includes the brightest shades of reds and orange, as well as the popular pastel pinks and cream. Pkt. 15c.

3653—*Howard's Giant Crested*—Mixed Colors. 2 ft. Larger than *Scabiosa Flowered*—the flowers when well grown, measure 4 to 5 inches across, with a full rounded, cushion-like center of quill-like petals surrounded by broad guard petals. Many colors. Pkt. 15c.

3655—*Scabiosa Flowered*—Mixed. A new Zinnia much resembling the *scabiosa*. Flowers are 2 to 3 inches across, in many desirable colors and with stems suitable for bouquets. Pkt. 15c.

3656—*Crown of Gold*—Super Pastel Shades. 3 feet. This is a new collection of strictly pastel shades. Flowers are large and showy, 5 to 5½ inches in diameter. Pkt. 20c.

3765—*Black Ruby* (All America Bronze Medal Winner). 2 ft. A valuable addition to the Lilliput group. Blackish maroon double flowers 1 to 1½ inches across; while extremely deep in color, the flowers are not dull for the velvety texture gives them a rich appearance. Excellent for bouquets. Pkt. 20c.

ZINNIA (*Dahlia Flowered*)

The large size, fullness of petals, extraordinary color range, and good keeping qualities have all contributed to the popularity of this variety. The flowers resemble in appearance the Decorative Dahlia. Blooms 5 to 6 inches in diameter.

3660—*Canary Bird*. A delicate shade of primrose—very large and holds its color well. Pkt. 10c.

3662 — *Crimson Monarch*. By far the largest and best of the red shades. Flowers often 8 inches in diameter. Plants very vigorous. Pkt. 10c.

3665—*Dream*. A fine deep lavender, turning to purple. Pkt. 10c.

3668—*Eldorado*. Beautiful shade of salmon apricot. Pkt. 10c.

3670—*Exquisite*. Light rose with center of a deep rose. Pkt. 10c.

3672—*Golden Dawn*. A beautiful golden yellow. Pkt. 10c.

3674—*Golden State*. A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom. Pkt. 10c.

3676—*Illumination*. Similar to *Exquisite*, but a striking self color of deep rose. Pkt. 10c.

3680—*Meteor*. A rich glowing red and the darkest of all the red shades. Very large. Pkt. 10c.

3682—*Oriole*. An immense orange and gold bicolor. Pkt. 10c.

3684—*Old Rose*. Real old rose shade. Pkt. 10c.

3686—*Polar Bear*. A very large pure white, the best white. Pkt. 10c.

3688—*Purple Prince*. Deep purple. Pkt. 10c.

3690—*Scarlet Flame*. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. Not a bicolor. Pkt. 10c.

3694—*Will Rogers*. A large bright red flower. A Zinnia of long lasting quality and beauty, that stands out amongst the Zinnias as the memory of Will Rogers stood out amongst his fellow men. Pkt. 10c.

3700—*Butzer's Special Mixture*. A well blended mixture, containing all the above novelties. Pkt. 10c.



ZINNIAS (*Pompon or Liliput*)

The plants form handsome little bushes and fairly bristle with tiny short-stemmed, very double flowers hardly exceeding a daisy flower in size. Bloom all summer until late fall. 12 to 16 inches.

- | | |
|------------------|-----------------------------|
| 3770—Canary Gem | 3780—Salmon Rose Gem |
| 3772—Crimson Gem | 3782—Scarlet Gem |
| 3774—Golden Gem | 3784—White Gem |
| 3776—Orange Gem | 3790—Mixed |
| 3778—Purple Gem | Any of the above, pkt. 10c. |

ZINNIAS—GIANTS OF CALIFORNIA

The great advantage of this type is that the very large flowers are of enormous size and flat, getting away from the conical type and eliminating the stiffness that has been so objectionable in Zinnias in the past.

- 3725—Cerise Queen. Beautiful cerise rose.
3728—Enchantress. Color same as Exquisite in Dahlia Flowered type.

- 3731—Miss Wilmott. Soft pink.
3734—Orange King. Burnt orange.
3737—Orange Queen. Golden yellow.
3740—Purity. White.
3743—Rose Queen. Striking bright rose.
3746—Scarlet Gem. Glowing scarlet.
3749—Violet Queen. Exquisite deep purple.
3760—Finest Mixed.

Price, any of the above, pkt. 10c.

ROOTONE

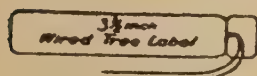


ROOTONE

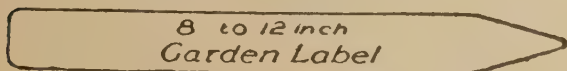
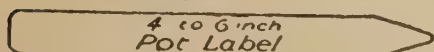
For Root Cuttings

Simply dip the cuttings at the base, singly or in bunches, into the Rootone powder up to an inch. Shake off the excess and place in the propagation bed of wet sand or peat moss and sand. Then follow usual propagation methods.

- Trial Package\$.25
2 oz. Jar 1.00
16 oz. Jar 5.00



LABELS



TREE LABELS

Iron, Wired and Painted

3 1/2-inch—45c per 100, \$3.40 per 1,000, postpaid

LABELS, Wood, for pot and garden plants

Size	100	1000	Size	100	1000
4 x 5/8 in.....	.35	\$ 2.75	6x 5/8 in.....	.60	\$ 3.50
4 1/2 x 5/8 in.....	.40	3.00	10x 7/8 in.....	2.00	11.00
5 x 5/8 in.....	.50	3.25	12x1 1/8 in.....	2.50	15.00



"DOGZOFF"

Copyright 1933

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application usually does the work.

"Dogzoff" will save its cost many times over around the garden and home.

PRICE FOR SEASON'S SUPPLY **69c** PRE-PAID



R-V-LITE VITAPANE is a new modern transparent all-purpose window material, which may be used in poultry houses, green houses, storm doors and hot and cold beds. It is easily installed, costs much less than glass and admits 60% ultra violet rays. R-V-Lite Vitapane is made from transparent cellulose acetate, reinforced with a tough cord netting. It is odorless, greaseless, vermin proof and actually transparent. There is no gum, wax, or paraffin and does not stick, discolor or become brittle. Having such a glossy finish, it is dirt resistant and grime is very easily cleaned off with a damp cloth. It is waterproof and weather-proof—an ideal material to keep on hand in roll lots for handy patchwork anywhere. Width 3 ft. 20c per running foot. Postage extra.

WEATHER-PROOF PENCILS

To be used for writing labels on garden plants. Every dahlia grower should have one of these. Will not fade in sun or rain. Each 10c, postpaid.

RAFFIA

Natural color, for nursery and garden work, also used for making baskets.

\$1.00 per lb., Postpaid

Our Mail-Order Trade, growing steadily from year to year, is one result of your confidence in us and our confidence in you. No business can be truly successful unless the transactions are mutually profitable. Each season we strive to render better service.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by with
NITRAGIN
SINCE 1898

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDeza
PEANUTS
BEANS
ALL LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA

Sweet, Bur, Hubam Clovers

Size	Retail
1 bu. ea.	\$.50
2½ bu. ea.	1.00

CLOVERS

Medium & Mammoth
Red, Alsike, Crimson &
White Clovers

1 bu. ea.	\$.50
2½ bu. ea.	1.00

PEAS (All Varieties)

VETCHES (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea.	\$.50
1200 lb. size ea.	5.70
(12-100 lb. size cans)	

**BEANS—Navy, Pinto,
String, Wax, Kidney**

1 bu. ea.	\$.35
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LESPEDeza Hulled or Unhulled

100 lb. size (Inoculates up to 100 lbs. seed)	\$.50
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PEANUTS, LIMA BEANS, COW PEAS

Size	Retail
Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. ea. ....	.55
25 bu. (one can) ea.	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

SOYBEANS (All Varieties)

Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. ea. ....	.55
25 bu. (one can) ea.	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea.	\$.50
--	--------

GARDEN SIZE

Garden Peas and Beans
Sweet Peas and Lupines
Enough for 8 lbs. seed
Retail Price 10c each.

NITRAGIN—Oldest and Most Widely Used Inoculator in America

"Five Cents Saves Five Dollars"



This Rodent Destroyer is in the form of a paper cartridge. After setting the fuse alight, place the cartridge down in the burrow and the pests are gassed. Package of one dozen 85c, postpaid.

FERTILIZERS

Feed the Soil and It Will Feed You
Enjoy Better Lawns, Flowers and Gardens
PEAT MOSS

Nature Soil Improver

It is economical to use. One bale will spread three hundred square feet, one inch deep.

A few of the many purposes for which it is used:

Mulching	Landscape Work
Cold Frames	Benches (Greenhouse)
Lawns	Storing Bulbs
Improving Soils	Potting
Propagating	Seeds Beds

We carry the following list of Fertilizers on which we will be glad to quote prices:

Please state quantity desired.

Acid Morcrop	Muriate of Potash
Aluminum Sulphate	Nitrate of Soda
Blood Meal	Sheep Guano
Bone Meal	Sulphate of Ammonia
Cottonseed Meal	Sulphate of Potash
Magnolia	Superphosphate
Milorganite	Vigoro
Morcrop Lux	Webfoot 5-6-8 Complete

Write for Prices

PLANT PROTECTORS



For the control of the Cabbage Maggot the use of Keepway Tarred Plant Protectors will give a 90% to 100% protection against the cabbage maggot on cabbage and cauliflower plants. These tarred protectors are placed about the stem of the plants on top of the ground after transplanting. The maggot fly is repelled by the tar

smell, and consequently no eggs are deposited.

This pad retains its efficiency until the plant is matured. Also it acts as a mulch in retaining moisture in the soil around the roots of the plant.

The size of these protectors is 3 inches by 3 inches, put up in packages, postpaid, priced as follows: Pkg. of 24, 10c; 72, 25c; 144, 45c; 500, \$1.50; 1,000, \$2.50. Add postage.



SURE CROPS

**3 weeks
earlier
TO MARKET**

**With Germaco
HOTKAPS**

Each HOTKAP is a small hothouse, increasing yield 18% to 51%. HOTKAPS ripen crops 3 weeks earlier.

Frost can't harm. Insects can't touch. Rain can't hurt your plantings. Keeps a perfect mulch around plants and prevents ground crusting. Cost less than a cent a plant. Increased profits pay for them. Good for the home gardeners on small plots, too.

1,000 lots, \$11.00; 5,000 lots, \$10.75 per M; 250 pkg. with Setter, \$3.50; 100 pkg. with Setter, \$1.95. Home Garden package of 25 for 50c. Add postage.

Germaco
Hotkaps

To achieve success with lawns, you need a thoroughly worked seed bed, complete plant food and high grade grass seed. We have taken great care in selection and cleaning of the grass seed we offer. Plant it carefully in a well-worked seed bed in which you have incorporated 4 pounds of Vigoro per 100 square feet of area and you are well on the road to the lawn of your dreams. VIGORO is complete plant food that supplies the vital elements grass must get from the soil for finest growth. Ideal for

LAWNS
FLOWERS
SHRUBS
and TREES

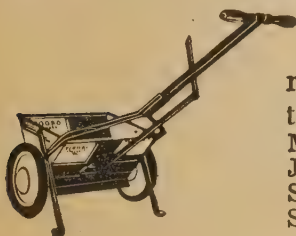
VIGORO **COMPLETE PLANT FOOD**



FREE VIGORO BEAUTY PLANS—Over 30 planting arrangements and ideas, illustrated in color, designed by C. D. Wagstoff, one of America's foremost landscape architects. Get yours now with the purchase of 100 pounds or more of Vigoro.

FERTILIZER SPREADER

A simple, sturdy and efficient machine that solves the problem of even distribution of fertilizers, grass seed and top-dressing. It has a positive shut-off control and adjusting device right on the handle to regulate the desired quantity to be sown.



Model B—14-in.\$ 4.25
Jr. Model—16-in. 9.00
Std. Model—24-in. 19.55
Special—36-in. 26.80

SEMESAN

A seed, plant and soil disinfectant. It will successfully prevent or control diseases of seeds without in the least impairing their vitality, but on the other hand generally increases germination, invigorates seedling growth, and develops sturdier plants. Semesan will also prevent or control the "Brown Patch" of lawns, the "Damping-off" of seedlings and cuttings, and certain soil-borne diseases. Treatments can be made in dust or liquid form. 1/3 oz. 10c; 2 oz. tin 40c; 12-oz. \$1.88; 1-lb. tin \$2.50; 5-lb. tin \$11.40. Postage extra.

VIGORO
Complete Plant Food

100-lb. bag	\$3.50	10-lb. pkg.	\$.70
25-lb. bag	1.40	5-lb. pkg. ....	.45
50-lb. bag	2.30	1-lb. pkg. ....	.10

F.O.B. Portland

SEMESAN JR.

(New Improved)

A less expensive but equally effective form of Semesan for dry dust disinfection of seed corn only. Controls diseases and at the same time increases yields from 10 to 14 per cent. 1½ oz. 15c; 12 oz. 57c; 1-lb. tin 75c; 5-lb. tin \$3.25. Postage extra.

SEMESAN BEL

Applied to whole or cut seed potatoes, either as a dry powder or in liquid form. Semesan Bel will prevent or control the common seedborne potato diseases. Also very effective in treatment of Gladioli and other bulbs, and produces healthier plants. 2 oz. 30c; 1-lb. tin \$1.65. Postage extra.

CERESAN

New Improved Ceresan is unusually effective in controlling smut in grains. It frequently improves the stand and yield of grain 1 to 5 bushels per acre. Also used for treating Narcissus bulbs, Cotton seed, Sorghums, Peas, Flax and Millet. 4 oz. 30c; 1 lb. 80c; 4 lbs. \$2.70; 8 lbs. \$5.40. Postage extra.



"It's easy to spray the Nicona way"

NO MIXING — NO MUSS

Note how simple and easy it is to use the Shell Nicona Sprayer:

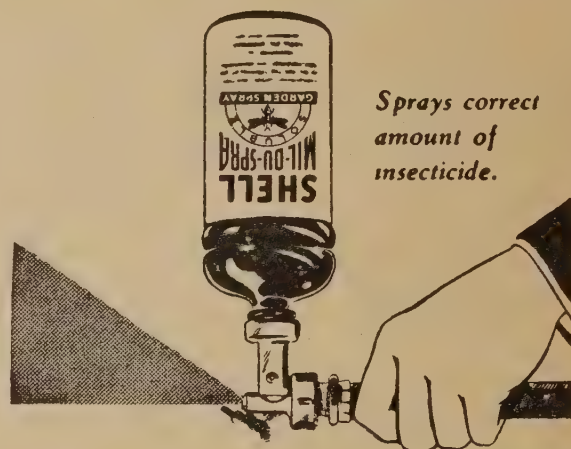
1. Attach sprayer to any garden hose in good condition.
2. Attach bottle of Shell Soluble Nicona Garden Spray.
3. Turn on water with bottle suspended below hose. In this position, only water is discharged through sprayer.
4. When ready to spray affected foliage, invert bottle above hose. The correct amount of insecticide is measured into the water by the exclusive Shell Nicona automatic volume regulator, at all water pressures from 35 to 100 pounds. Spray deflector can be adjusted to give either a fine mist or a long penetrating spray.
5. When through spraying, turn bottle downward again and detach. Hold finger over spray outlet with water running to wash out sprayer.

Nicona controls aphids, scale, thrips, red spiders, mealy bugs, leaf hopper, white flies.

RETAIL PRICES	Shell Nicona
Sprayer with 8-oz. bottle.....	\$1.75
8-oz. bottle .....	.50
1 pint .....	.75
1 quart	1.10
1 gallon	3.25



*Sprays only
water in this
position.*



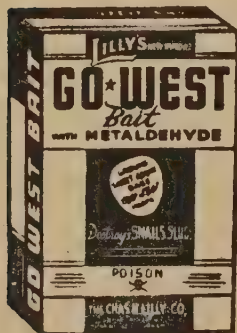
*Sprays correct
amount of
insecticide.*

MORCROP FOR FARM AND GARDEN USE—There are offered under this brand a number of different formulas in which the content of the three principal elements, nitrogen, phosphoric acid and potash, is varied in proportion to the requirements of the crop for which they are intended and to balance the constituents in the soil to which they are applied. Some of these formulas are: 3-10-7; 3-10-10; 5-6-8; 5-10-10; 6-10-4; 3-10-20; the figures indicating in each case nitrogen, phosphoric acid and potash in the order named. *Write for prices.*



LILLY'S LUX MORCROP—A very well balanced "All Purpose Fertilizer" for general use around the home. High enough in nitrogen to produce a vigorous growth and properly balanced as to phosphates and potash to provide the substance to carry crops to maturity. If your potatoes have been small, your berries inclined to be seedy, and your truck or vegetable crops have lacked that punch along toward the end of the season, then you should begin using Lux Morcrop. It is rich in plant food, containing 5% nitrogen, 6% phosphates and 8% potash, and feeds readily through any type of fertilizer distributor. *Write for prices.*

ACID MORCROP—An acid fertilizer especially for rhododendrons, camellias, heathers, azaleas, mountain laurels, andromedas, huckleberries, blueberries, native ferns, etc. 5 lbs. 50c; 25 lbs. \$2.00; 100 lbs. \$6.00; F.O.B. Portland.

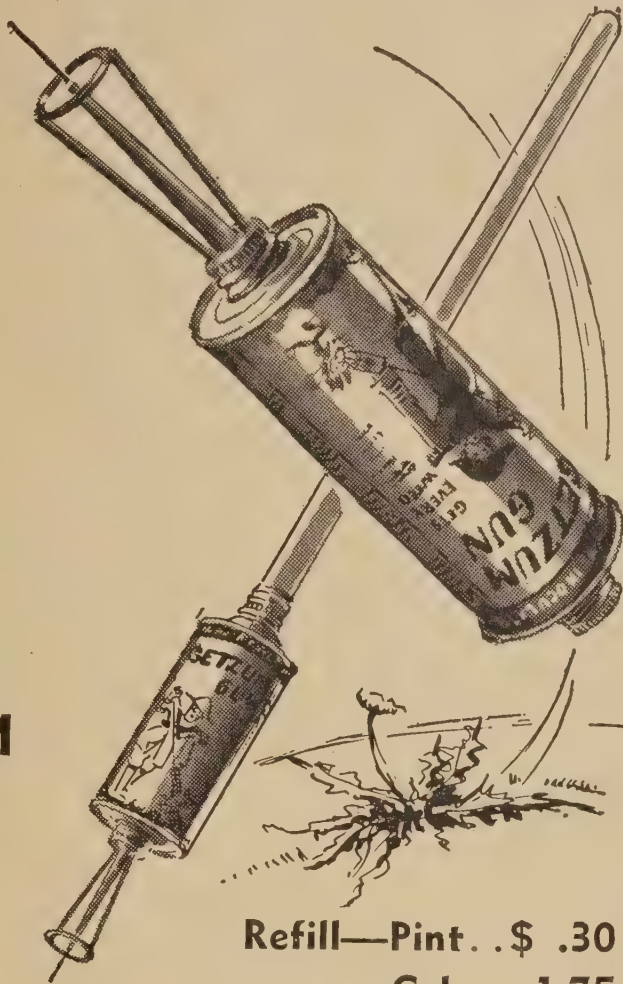


LILLY'S GO-WEST BAIT (With Metaldehyde)—This product is a specific eradicator for strawberry root weevil, black vine weevil, vegetable weevil, cut-worms, slugs, snails, and leaf eating insects. It is made of flakes of sweet apple, impregnated with an effective poison, which remains effective for many days—rain or shine. Complete instructions accompany every purchase. 1 lb. 25c; 10 lbs. \$1.50; 50 lbs. \$3.50. F.O.B. Portland.

MORCROP TABLETS FOR MILADY'S HOUSE PLANTS—Highly concentrated, complete fertilizer in tablet form for convenient application. Odorless, clean and quickly water soluble. The action is rapid and both foliage and bloom is improved. Equally effective in the garden. Pkg. 10 tablets 10c; 30 tablets 25c.

**KILL
WEEDS
the
Easy
Way
with the
New
Model
GETZUM
GUN**

**Complete
Only \$1.75**



**Refill—Pint..\$.30
Gal... 1.75**

Ask us for pamphlet describing
theory of weed killing.

WEEDONE

TRADE MARK

The new internal weed killer. Kills Poison Ivy, Poison Oak, Bindweed, Honeysuckle, Dandelion, other noxious weeds. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. Non-corrosive, safe for humans and animals. Just mix with water and spray.

6-oz. bottle (covers 500 sq. ft.) **\$1.00**
1-qt. can (" 2,500 sq. ft.) **\$3.00**
1-gal. can (" 10,000 sq. ft.) **\$10.00**
Larger quantities on request.

GETZUM WEED GUN

Kills dandelions and other weeds without injury to lawn. Does not sterilize the soil. Does not corrode or rust metals. Insures easy and economic application. No stooping or back breaking. Place cane on crown of dandelion or weed and press handle lightly. A small amount of chemical is released and does all the work. Price complete with liquid, **\$1.75**. Killer Kemical, pint, **30c**.

GO-FER-GAS

**Controls Moles, Gophers, Ground
Squirrels or any Burrowing
Rodent**

Locate tunnel with sharp stick, making open hole to reach tunnel from ground surface. Pour in 1 to 3 tablespoons GO-FER-GAS granules, depending on length of tunnel. Pour cupful of water on granules and cover hole immediately. Entire infested area should be treated at same time to insure effective control. 100% active ingredient—Calcium Carbide. **24-oz. 45c; postpaid 57c; 6 lbs. \$1.25; postpaid \$1.45.**

DEATH TO MOLES

Easy to use. "Sure Fire" Poison in tablet form. Use a small stick to make several holes in runways and drop in tablets. Cover with dirt. That is all there is to it.

35 Tablets for 25c; postage extra

BORDELO

(Copper in Ammonia)

**FUNGICIDE
LEAVES NO STAINS**

For powdery mildew and leafspot of roses, plants, vines, shrubs and trees.

For curly leaf of peaches; shothole fungus, blight of raspberries, iris and many other plants.

For combination fungicide and insecticide spray:

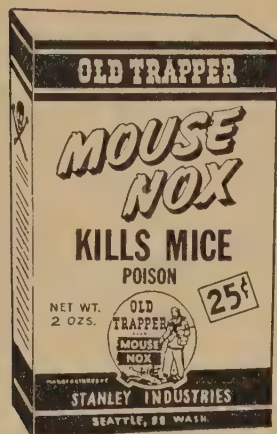
Mix **Bordelo** with either Whale Oil Soap, Oil Emulsion, Nicotine Spray, Pyrethrum or Derris extracts. Use strength of each material as directed. Repeat regularly every two weeks.

8 oz. 35c; pint 60c; quart \$1.00; gallon \$2.25. Postage extra.

RAT-NIP

RAT-NIP to rats is the same as Catnip is to cats. Rat-nip is a paste. Spread it on pieces of bread and place around where rats bother. Rats will leave everything else to get at Rat-Nip. They can't resist it.

2½ oz. 35c; postpaid, 40c



OLD TRAPPER MOUSE-NOX

Use Old Trapper Mouse-Nox to rid your premises of mice this easy way. A few grains does the trick. It's powerful. Attractive to mice. Ready to use—no mixing.

2 ozs. 25c, not postpaid

OLD TRAPPER RAT KRUNCHES

Non-poisonous to humans, domestic animals and poultry. Very attractive to rats. Easy to use.

Over 75 baits, 25c
4 oz., 50c, not postpaid

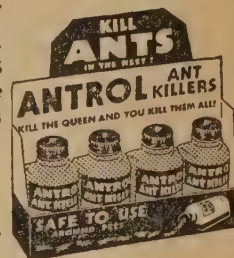


ANTROL—The National Ant Control

The Antrol system is composed of small glass containers and a special formula of syrup. Ants transmit the mild poison to the queen in the nest and soon the entire colony is destroyed.

READY-FILLED ANTROL SET

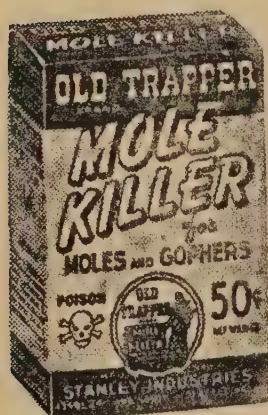
The ready-filled Antrol Set consists of four patented glass feeders filled with Antrol. This set has the advantage over the regular set of being ready to use as purchased. Price, 40c, postage extra.



ANTROL ANT TRAP

Kills both sweet and grease eating ants, as it contains two kinds of specially prepared materials. Ready to use by simply punching out the perforations on the side of the can. Most effective and lasting ever devised.

Antrol Ant Traps—ready to use—each 10c.



OLD TRAPPER MOLE KILLER

Attractive to moles and gophers. Use Old Trapper Mole Killer to rid your ground of these pests. It's powerful.

2 ozs. 50c, not postpaid



FLEA POWDER

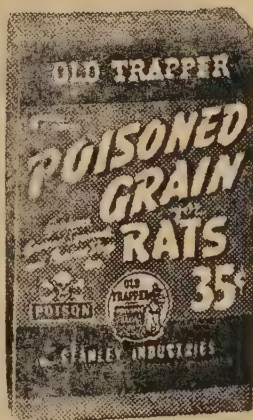
A highly effective non-poisonous pest exterminator for dogs, cats and puppies. A liberal 1½ ounces in good metal top shaker can.

1½ ozs. 25c

OLD TRAPPER POISONED GRAIN FOR RATS

Ready to use—no mixing. Use Old Trapper Poisoned Grain to rid your premises of rats, gophers, ground squirrels and prairie dogs. A few grains does the trick. It's powerful.

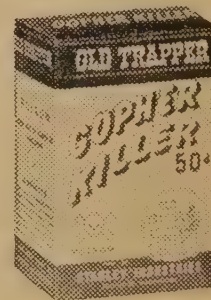
9 ozs. 35c, not postpaid



GOPHER KILLER

A powerful concentrated effective bait for Gophers. No poisonous gas to harm pets and children. Complete simple directions bring real results.

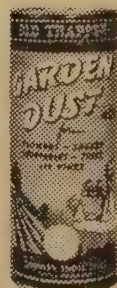
2 ozs. 50c



OLD TRAPPER GARDEN DUST

A combined insecticide and sulphur dust. For use on vegetables, flowers and other plants for control of many chewing and sucking insects and certain plant diseases. Suitable for use in home garden for control of certain insects preying upon rose bushes, etc.

Pound 40c, not postpaid



DUSTER CAN GARDEN DUST

Solves the duster shortage. Packed in metal top and bottom sliding duster can with inside breather and large top for refilling. An effective and long-lasting duster with adjustable openings. Can be refilled from 1-lb. package. Contains 10 ounces of dust.

Pkg. 49c, not postpaid

INSECTICIDES AND FUNGICIDES, Etc.

Dust with
Pomo-Green

The Leaf-green Dust
An Easy, Effective Way to
PROTECT YOUR ROSES

and other Flowering Plants Against Insects and
Fungus Diseases Without Making the
Treatment Conspicuous

POMO-GREEN with **NICOTINE** (The Leaf-Green All-in-One Dust)—A combination material which controls all fungous diseases and kills both eating insects and aphids. Requires no supplementary material for complete disease and insect pest control on all flowering plants. Leaf-green in color and never unsightly on plants. Both dusting and spraying directions on cans. Lb. 75c; 5 lbs. \$3.00. Postage extra.

S-W SUMMER MULSION

An up-to-date, highly refined summer oil emulsion, in convenient flowable form. Will control certain scale, white fly, red spider, mites and other pests found on foliage. 1 pt. 50c; 1 qt. 70c. Add postage.

S-W WINTER MULSION

A dormant oil emulsion which has been extensively used by universities, tree experts, orchardists and others for the control of those insects and insect eggs present on trees and shrubs when not in foliage. 1 pt. 35c; 1 qt. 50c; 1 gal. \$1.00. Add postage.

META-NOX

A recent scientific discovery for the extermination of slugs, snails, etc. When used as a bait acts as an attractor and poison. The most successful means of control for snails and slugs that has been developed in modern years. 1 lb. 25c; 2½ lbs. 50c; 10 lbs. \$1.75.



A Successful
Remedy
for
Cabbage
Maggot

For destroying and preventing maggots, grubs and worms that infest turnips, radishes, beets, rutabagas, cabbage and cauliflower, etc., also recommended for combatting crown borers in strawberries. ½-pt. 50c; pt. 75c; qt. \$1.25; gal. \$2.75. Add postage.

NAPHTHALENE

For Use in Treating Soil for Insect Pests

Used by truck gardeners, bulb growers and for field crops to drive away grubs, wire-worms, slugs, centipedes, aphids, etc. Safest, most powerful insect repellent that can be used in quantities at low price. In granulated form, with strong odor like moth balls. Has been used in Europe for years. Drives off caterpillars, stupifies insects. Use it mixed in the soil according to directions. Send for full informaton.

Prices: 1½ lbs. 25c; 5 lbs. 60c; 10 lbs. 90c. Postage extra. Write for prices on quantity.

CROTOX—BIRD AND RODENT REPELLENT

will protect your corn during the growing season by ridding your fields of crows, pheasants, blackbirds and other corn pullers—from squirrels, woodchucks, moles, gophers, wire-worms, grub-worms, etc. They positively will not touch corn that has been treated with Cro-Tox. It does not kill birds or animals but is repellent to them—they will not go near corn that as been treated with Cro-Tox. It cannot injure seed in any manner. It will not clog any planter.

Pint Can, Treats 2 bushels of seed corn—\$1.00.

One-half Pint Can, Treats 1 bushel of seed corn—60c.

S-W ARSENATE OF LEAD

A stomach poison spray for the control of leaf eating insects such as caterpillars, beetles, slugs, apple and pear worm, etc. May be applied either as a dust or as a liquid spray. 1 lb. 35c; 4 lbs. \$1.20. Add postage.

S-W ARSENATE OF CALCIUM

This product may be used as a dust or as a spray for the control of potato beetle, cabbage worm, tomato worm and other resistant beetles and caterpillars. It is also extensively used in making poisoned baits for the control of cutworms, snails, slugs, sow bugs, army worms, strawberry weevil, grasshoppers, etc. 1 lb. 25c; 4 lbs. 60c. Add postage.

S-W DRY LIME-SULFUR

A complete fungicide-insecticide, which controls San Jose scale, red spider and mites, curl leaf of almond, peach and nectarine, apple and pear scab, and many other insects and diseases. S-W Dry Lime-Sulfur is a full strength liquid lime sulfur from which the water has been evaporated. 1 lb. 35c; 5 lbs. \$1.55.

S-W PARIS GREEN

A stomach poison that means quick death to potato bugs, army worms, cut worms, grasshoppers and other resistant insects. Because of the quick action of this product it is extensively used for the making of poison bait, for the control of the above and other garden pests. ½ lb. 25c. Add postage.

S-W PESTROY

A combination stomach poison and fungicide, spray or dust, for the effective control of leaf-eating insects and fungous diseases found on growing flowers, vegetables and shrubs. Sold in one pound sifter-type containers. ½ lb. 25c; 1 lb. 35c. Add postage.

SHERWIN-WILLIAMS GARDEN SPRAY
GUIDE FREE ON REQUEST

Black Leaf 40
40% Nicotine

Kills
Aphis

1 oz., 6 gals spray....\$.36	2 lbs., 150-500 gals. \$3.70
5 oz., 25-100 gals..... 1.06	5 lbs. 6.90
1 lb., 80-250 gals..... 2.50	10 lbs., 800-2500 gals. 11.65

TRIOGEN

Destroys leaf-eating insects like rose slugs, caterpillars, webworm, red spider, plant lice, aster beetles, etc.; controls mildew, black spot, canker and rust on roses and other plants; yellows, and fungus diseases on many flowering plants.

Not Postpaid

A—Small kit; makes 16 quarts	\$ 1.50
B—Medium kit; makes 64 quarts.....	4.00
C—Large kit; makes 32 gallons	6.00
D—Estate size; makes 128 gallons.....	20.00

SNAROL

A meal that quickly destroys cutworms, sow bugs, earwigs, grasshoppers, snails and slugs.

Merely sprinkle Snarol around and under planted vegetation. Insure them against destruction. Will not in any way destroy plants and rain does not destroy its value.

Look over your premises at once—note if any of these pests are present. If so, take steps immediately to destroy them for they quickly multiply, and once they become active they will soon overrun your grounds.

PRICES—SNAROL

1-lb. pkg. (for small area)	\$.25
2½-lb. pkg. ....	.50
6-lb. pkg.	1.00
10-lb. pkg.	1.50

ADD POSTAGE



Prevent Pest Damage with ORTHO Garden and Home Products

MULTI-PURPOSE SPRAY SET



For Use Against

More Prevalent GARDEN INSECTS

Set contains 4-ounce bottle of **EXTRAX** Insect Spray, **GREENOL** Liquid Fungicide and **VOLCK** Oil Spray. Mix all 3 sprays in the same water and in one application treat against many insects and diseases in the garden. Set makes 25 gallons combination spray at normal dilution\$1.85

MULTI-PURPOSE BAIT

For Use Against

PRINCIPAL FORAGING PESTS

Slugs, cutworms, snails, earwigs, grasshoppers, strawberry root weevil. Baiting against these pests is easy with the new **BUG-GETA** PELLETS Compressed BAIT. (A Metaldehyde-Arsenical Bait.) 5000 baits in a 2 pound carton.

12-oz. Carton\$2.50 5-lb. Carton\$1.00
2-lb. Carton50c 25-lb. Bag.....\$3.60



MULTI-PURPOSE DUSTS



BOTANO Garden Dust. For use against many insects and diseases. Preferred by many, particularly for vegetables. One of the safest multi-purpose dusts that

can be used. 10-oz. size is Dual Purpose package which also serves as handy garden duster. (Contains **ROTENONE**)

10-oz. Duster.....49c 1-lb. Pkg.....\$.50
4-lb. Pkg.....\$1.10

CALTOX Garden Dust "525". Used throughout the garden, but especially useful on Tomatoes, Potatoes, Cucumbers, Squash, and Melons, against Flea Beetle, Diabrotica or Cucumber Beetle, Potato Beetle, Tomato Worm, Late Blight. Contains Cryolite, Copper and Zinc.

10-oz. Dual Purpose package.....49c
4-lb. Pkg.....\$1.10

OIL SPRAYS

VOLCK Oil Spray. Envelops, wets and smothers many sucking insects such as certain Scale Insects, White Fly, Mealybug, and Red Spider. Also a spray carrier for other sprays.

4-oz. Bottle.....25c 1-pint Bottle.....50c
1/2-gallon Can..\$1.25 1-gallon Can..\$2.25

KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture.

1-pint Bottle.....39c 1-gallon Can.....\$1.00
5 Gallons.....\$4.95

SOWBUG CONTROL

ORTHO Sowbug Killer. A specially prepared bait for use against Sowbugs and Pillbugs.

1-lb. Can.....50c

ANT CONTROLS

ORTHO Ant and Roach Powder. A Fluorine-Pyrethrum Insecticide for use against Ants, Roaches, Silverfish. Easy to use.

4 1/2-oz. Shaker.....25c



ANT-B-GON Ant Poison. Four to 8 Dispensers are enough for average home. Easy to refill. Ants feed from "WICK". Can't get inside. For Argentine and Sweets-eating ants.

Set of four 1-oz. Dispensers.....60c

Ant Poison to refill dispensers:

4-oz. Bottle.....20c 1 pint.....50c

1/2 gallon.....\$1.50

INSECTICIDES

EXTRAX Insect Spray. Kills by contact. Used against many sucking and chewing insects such as Aphis, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical. General dosage is one teaspoonful to gallon of water

1-oz. Bottle.....\$.35 1 Pint.....\$2.75
4-oz. Bottle.....\$1.00 1/2 Gallon.....\$7.95

NEW DDT SPRAY

PEST-B-GON DDT Spray. Contains 20% DDT, the new insecticide that played such an important role in World War II. Use in the garden and also around barns, poultry houses, dog kennels, outbuildings, basements, against many Beetles, Worms, Thrips, Leafhoppers, Weevils... Ants, Fleas, Mosquitoes and certain other insect pests.

4-oz. Bottle\$1.00

ORTHO Lead Arsenate. A stomach poison for use as a spray or dust to control chewing insects such as certain Beetles, Caterpillars (as Oak Moth), Worms on Apples, Pears and other plants, and Sod Webworm in lawns.

1 lb.35c

EARWORMICIDE. To keep worms out of sweet corn, make one treatment when silk begins to wilt. 2 ozs. treats 60 ears.

2-oz. Bottle with applicator.....35c

FUNGICIDES

GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with **EXTRAX** Insect Spray for making a combination treatment against insects and diseases.

1-oz. Bottle.....35c 1 pint\$1.50

4-oz. Bottle.....60c 1/2 gallon\$3.95

"ORTHO" BORDO Mixture. Prepared Bordeaux Mixture used to control fungus diseases such as Peach Leaf Curl, Peach Blight, Pear Scab.

1 lb.....35c

FLOTOX Garden Sulfur. Finely powdered. Used either as a dust or spray to control Powdery Mildew, Scab and certain other diseases.

26 ozs.....25c 4 lbs.....50c

PRUNING PAINT

CONTAX Pruning Paint. Protect cuts and tree wounds with this modern plastic pruning and grafting composition. Also has many other uses.

1 pint.....35c

ORTHO ROSE SPRAY KIT

Special Combination Offer. Contains 2-oz. bottle "EXTRAX" for Aphis and other insects and 2-oz. bottle "GREENOL" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables too.

Each Kit.....\$1.00



SOIL INSECTS

ORTHO Soil Fumigant. A new "ORTHO" development designed to control certain soil inhabiting insects which attack roots. Used primarily against garden Centipedes, Cabbage Maggots, Onion Maggots.

4-oz. Bottle.....35c 1 pint.....\$1.00

WEED KILLERS

TRIOX Weed Killer. Poisons soil and prevents weeds from growing. Use on driveways, walks, and other places where no vegetation is wanted.

1/2-gal. Can.....\$1.50 1-gal. Can.....\$2.25

WEED-B-GON Weed Killer. Contains "2,4-D." A hormone spray for killing Wild Morning-Glory (Bindweed), Poison Oak, Poison Ivy, Plantain, Dandelion and certain other susceptible weeds. Can be used on certain grass lawns (not on Bent, Dichondra, Lippia or Clover).

4-oz. Bottle.....65c 1 pint.....\$2.00

1/2 gallon.....\$6.00

RODENT CONTROL

ORTHO Rat Bait Pellets. Ready-to-use Red Squill Baits which are relatively harmless to humans and domestic animals. Poisoned Rats seek underground burrows before dying.

2-oz. Carton.....25c 6-oz. Carton.....50c

ORTHO Rodent Destroyer. Kills Gophers, Squirrels, Prairie Dogs, Rats, Mice. This bait is poisoned with strychnine by a special solvent process to assure lasting potency.

6-oz. Carton.....30c 1-lb. Carton.....60c

5-lb. Carton.....\$2.25

DOG REPELLENT

SCRAM Dog Repellent. A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

8-oz. Shaker.....49c

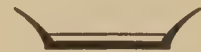


GLADIOLUS

A Selected List of Choice Named Varieties

The following is a selected list representing all types and colors. The hybridists have succeeded in producing great beauty in the modern Gladiolus, combining length of spike with beautiful symmetry and size of the individual blooms.

- Aladdin—Bright salmon. Each 11c; doz. \$1.10.
- Albatross—Large white. Each 9c; doz. 90c.
- Atlas—Dark blue violet. Each 20c; doz. \$1.75.
- Bagdad—Smoky old rose, large. Each 9c; doz. 90c.
- Barcarole—Vivid grenadine orange. Each 14c; doz. \$1.40.
- Beacon—Red salmon with cream throat. Each 10c; doz. \$1.00.
- Blue Beauty—Light blue shading darker to edges. Each 16c; doz. \$1.55.
- Chamouny—Fine deep rose. Each 20c; doz. \$1.75.
- Charles Dickens—Tall radiant purple. Each 9c; doz. 90c.
- Commander Koehl—Immense dark scarlet. Each 10c; doz. \$1.00.
- Crystal—Massive white. Each 20c; doz. \$1.95.
- Dr. Bennett—Bright red. Each 9c; doz. 90c.
- Early Peach—Tall peach red blending ivory in throat. Each 10c; doz. 95c.
- Early Rose—Rich rose, lighter in throat. Each 10c; doz. \$1.10.
- Frank J. McCoy—Tall pink, many open. Each 12c; doz. \$1.20.
- Gold Dust—Early yellow. Each 14c; doz. \$1.45.
- Greta Garbo—Soft rose. Each 20c; doz. \$1.95.
- Harvest Moon—Medium yellow shading deeper in throat. Each 14c; doz. \$1.35.
- Hindenburg's Memory—Deep scarlet red. Each 20c; doz. \$1.60.
- Joerg's White—Large white with lavender throat markings. Each 10c; doz. 95c.
- Josef Hayden—Violet. Each 20c; doz. \$1.75.
- J. S. Bach—Immense salmon orange. Each 10c; doz. \$1.00.
- Kassel—Bright red. Each 13c; doz. \$1.30.
- La Fiesta—Tall orange, many open. Each 15c; doz. \$1.50.
- Leona—Deep rose red. Each 13c; doz. \$1.30.
- Mammoth White—Immense white. Each 11c; doz. \$1.10.
- Marguerite—Deep watermelon pink. Each 30c; doz. \$3.00.
- Margaret Beaton—Pure white with scarlet blotch. Each 17c; doz. \$1.60.
- Margaret Bruning—Good pink. Each 18c; doz. \$1.65.
- Margaret Fulton—Salmon pink. Each 10c; doz. \$1.00.
- Mildred Louise—Strawberry pink. Each 10c; doz. \$1.00.
- Minuet—Large lavender. Each 10c; doz. \$1.00.
- Mrs. Leon Douglas—Begonia rose. Each 10c; doz. 95c.
- Moorish King—Very dark maroon. Each 14c; doz. \$1.35.
- Myrna—New ruffled white. Each 20c; doz. \$1.75.
- New Era—Ruffled rose. Each 14c; doz. \$1.40.
- Orange Butterfly—Orange. Each 14c; doz. \$1.45.
- Pfitzer's Masterpiece—Salmon. Each 20c; doz. \$1.95.
- Pfitzer's Triumph—Immense salmon orange. Each 10c; doz. \$1.00.
- Picardy—Soft shrimp pink. Each 10c; doz. \$1.00.
- Polar Ice—Pure glistening white. Each 10c; doz. \$1.00.
- Recado—Rosy ash, flecked orange. Each 15c; doz. \$1.35.
- Red Phipps—Glowing red. Each 12c; doz. \$1.10.
- Rosa Van Lima—Light rose, very good. Each 13c; doz. \$1.25.
- Royal Gold—Light yellow golden throat. Each 20c; doz. \$1.95.
- Ruffled Princess—Fine ruffled pink. Each 30c; doz. \$3.00.
- Shirley Temple—Large ruffled cream. Each 10c; doz. \$1.00.
- Snow Princess—Milk white, very tall. Each 12c; doz. \$1.10.
- Star of Bethlehem—Pure white. Each 10c; doz. \$1.00.
- Tunias Triumph—Salmon red, many open. Each 20c; doz. \$1.80.
- Valeria—Soft red, very large. Each 15c; doz. \$1.35.
- Vredenburg—Pure white. Each 20c; doz. \$1.95.
- Walkover—Medium red. Each 20c; doz. \$1.95.
- Yellow Emperor—Large soft yellow. Each 10c; doz. \$1.00.
- Yellow Perfection—Clear yellow. Each 12c; doz. \$1.10.



BUTZER'S "ROSE CITY" GLADIOLUS

Mixture of Large Flowered
All Extra Selected Large Bulbs
No Second Size

We have assembled an assortment of distinct choice named varieties into a carefully distributed mixture. This collection is entirely our own, in which we take a reasonable pride.

By MAIL, 75c per doz.; \$5.00 per 100.

By EXPRESS, \$4.50 per 100.

OREGON GROWN ROSE BUSHES

"THE WORLD'S BEST"—ALL TWO-YEAR FIELD GROWN AND BUDDED

In keeping with our slogan, it has been known among our many customers that we have always endeavored to secure first-grade two-year-old field grown and budded rose bushes. This year, however, due to conditions beyond our control, we find there is insufficient stock to be obtained, therefore, we find it necessary to omit the complete list which we usually carry. Be sure to check our 1947 catalog for a bigger and better selection than ever before presented!

SLAYZ-WEED

The NEW Hormone-Type WEED CONTROL

SLAYZ-WEED is a DRY POWDER containing 70% 2, 4, dichlorophenoxyacetic acid, with suitable spreader and "sticker" agents. When SLAYZ-WEED is applied as a water spray to leaf structure of certain plants it diffuses through the sap, is carried to the roots and results in the eventual death of the entire plant.

KILLS Wild Morning Glory, Poison Oak, Poison Ivy, and many other noxious perennial weeds by destroying the entire root system!

For complete satisfaction in your weed control program be sure to get SLAYZ-WEED, the tried, tested and PROVED Hormone-Like Weed Control by the PIONEER Weed Control Specialists.

SLAYZ-WEED STANDARD MIXING CHART

<i>Slayz-Weed</i>	<i>Water</i>	<i>Covers</i>
1 heaping teaspoon	1 gal.	100- 150 sq. ft.
* $\frac{1}{4}$ cup level	4 gals.	400- 600 sq. ft.
* $\frac{1}{3}$ cup level	5 $\frac{1}{2}$ gals.	550- 700 sq. ft.
* $\frac{1}{2}$ cup level	8 gals.	800-1000 sq. ft.
*1 level cup	16 gals.	1100-2000 sq. ft.
$\frac{1}{2}$ pound	25 gals.	2500-3500 sq. ft.
1 pound	50 gals.	5000-7000 sq. ft.

* Use regular household measuring cups.

PRICES: 1-ounce package, \$1.00; 1-pound package, \$6.00; 3 pounds or more at \$5.00 per pound.

PEST CONTROL MADE EASY



THE HAYES JR. SPRAY GUN

takes all labor out of spraying and insures 100% coverage. Insecticide is thoroughly mixed before leaving nozzle; adjustable nozzle sprays up, down or sideways; sends fine stream 20 feet high to spray trees; uses any insecticide soluble in water; put enough insecticide in the glass jar to make 3 gallons according to manufacturer's formula, fill with water, thoroughly mix, attach to garden hose and spray; no moving parts; non-corroding metals used. F. O. B. Portland.

Each \$5.95

Control Garden
Pests with this
Quick, Easy,

NEW HARCO SPRAYER



Plants blighted? Prevent and kill destructive garden pests with new, proven HARCO, only professional-type sprayer priced so low. Quickly sends insecticide into tops of tall shrubs, reaches undersides of small plants, penetrates hard-to-reach places—easy as pie to use. Durable made, trouble-free. No dripping. Enjoy a healthy garden—win praise for its beauty. \$2.35 complete, F. O. B. Portland.

GRAFTING WAX

Repellent to bees, $\frac{1}{4}$ -lb. 20c; $\frac{1}{2}$ -lb. 30c; 1-lb. 50c.

Our Mail-Order Trade, growing steadily from year to year, is one result of your confidence in us and our confidence in you. No business can be truly successful unless the transactions are mutually profitable. Each season we strive to render better service.

INSECT-

CONTAINS
DDT

X

CONTAINS
DDT

For control of flies, mosquitoes, fleas, bedbugs, ants, roaches, and certain other similar insects.

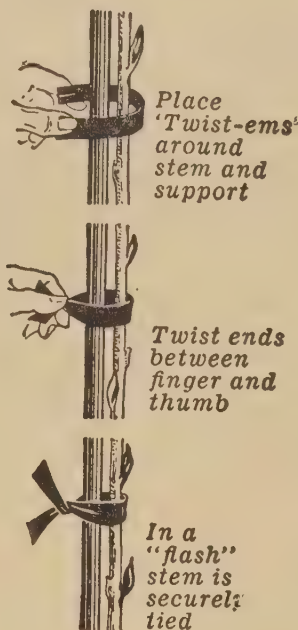
Mix with water, kerosene or talc.

CAN BE USED IN MANY WAYS

INSECT-X is pure DDT with only enough powerful wetting agent added to allow its suspension in water. The very small amount of additive does not interfere with its solution in kerosene or other petroleum oils or admixture with talc or similar materials to form insecticidal dusts, and INSECT-X can be used in any of these forms for the control of a wide variety of insect pests.

1½-ounce pkg. \$1.00

"TWIST-EMS"



THE NEW HANDY PLANT-TIE

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties. Quick, Permanent, Attractive, Convenient. For Nurseries, Estates, and Amateur Gardeners. For Plants, Shrubs, Vines, and arranging of Flowers.

Box of 125
8-inch size, 25c

Box of 250
4-inch size, 25c

TRAIN-ETTS

New Weatherized
TRELLIS NETTING *Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES*

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string — lasts several seasons.* In 3 sizes: No. 1, 60x72 in., 39c; No. 2, 60x96 in., 49c; No. 3, 60x180 in., 69c. Postpaid.



SPRAY PUMPS AND DUST GUNS

No. 427G—Hudson Critic Sprayer, 1 quart size, continuous, Nu-Action Hand Pump. This pump is particularly adapted for all around use. Price \$1.50.

No. 440—Hudson Handy Sprayer is more efficient around poultry house, dairy barn, etc. Provides an unusual value in a quart tin sprayer at a moderate cost. Price 65c.

No. 235G—Knapsack Spray Pump, 3½-gallon open-hed galvanized tank. Size 7¼x21 inches high, automatic shut-off valve, 2-foot extension rod, angle spray nozzle. Price \$8.00.

No. 241G—Knapsack Spray Pump. Same as No. 235G except a smaller tank. Holds 2½ gallons. Price \$7.65.

No. 766—Admiral Duster. This Duster is sturdily built. 2¾-inch diameter, 9½-inch stroke. Will hold about 1¼ pounds of dust. This duster is one of the best on the market for home gardens. It has 24-inch extension tube with nozzle. Price \$1.85.

No. 661—Signal Duster. The Signal is a favorite for use about the home and in the small garden. Handles all insecticides in powder form very efficiently. Price 50c.

OREGON-GROWN ROSE BUSHES

"The World's Best"—All Two-Year Field Grown and Budded

We have always endeavored to secure first-grade two-year-old rose bushes for our customers. This spring, due to the lack of stock in the nurseries we are unable to list them in our 1946 spring catalog. Write us this fall for our rose and bulb list. We expect at that time to have a complete list of roses from which you may make a satisfactory selection.

SPRAYS, SPRAY MATERIALS, Etc.



THE POWDER OF MANY USES

Spray It—

One man operating a spray pump can quickly cover large areas with Carbola. Carbola will not clog a sprayer—a great advantage over whitewash.

Brush It—

Carbola can easily be put on with a brush. It flows smoothly. It spreads smoothly. Once you use Carbola you will never go back to whitewash.

In Poultry Houses

Spray or brush Carbola on walls, ceilings, floors, roosts—in cracks and crevices—wherever lice and mites may hide. Sprinkle the dry Carbola in nests and dusting boxes. Dust it on laying hens, setting hens, growing stock and baby chicks.

In Stock Barns

Use Carbola in stock barns to paint and disinfect walls, ceilings, stalls, hog pens, etc.

In the Home

Use Carbola on cellar walls to increase light and to get rid of mustiness and cobwebs. Sprinkle the dry powder anywhere in the house to help drive out insects.

In Factories, Warehouses, etc.

Not Postpaid

1-lb. pkg.	\$.25	25 lbs.	\$2.15
5-lb. pkg. ....	.65	50 lbs.	3.80
10-lb. pkg.	1.10		

GEO. H. LEE'S POULTRY and STOCK PREPARATIONS

PRICES ARE NOT PREPAID

GERMOZONE

Germozone is without doubt one of the most widely used poultry medicines today. The regular use of Germozone in the drinking water of chicks and adult fowls prevents the spreading of disease and counteracts infection already existing.

Liquid—4 oz. bottle 40c; 12 oz. bottle 75c; 32 oz. bottle 1.59; ¼ gallon bottle \$2.50; 1 gallon bottle \$4.50.

LEE'S LICE POWDER

Keeps the fowls free from lice and mites.
1 lb. can 25c; 2½ lb. can 50c

LICE KILLER

The standard poultry house insecticide for years. It will rid the house of mites.

1 quart can 60c; ½ gallon can 90c; 1 gallon can \$1.50; 5 gallon can \$6.00.

LEE'S DIP AND DISINFECTANT

A standardized coal tar cresote stock dip and disinfectant.

1 quart can 60c; ½ gallon can 90c; 1 gallon can \$1.50; 5 gallon can \$6.00.

LEE'S VAPO-SPRAY

The most effective medicine for colds, coughs and pneumonia. Simply spray the air in the hen house at night.

1 quart can 75c; ½ gallon can \$1.25; 1 gallon can \$2.00; 5 gallon can \$8.75.

LEEMULSION

An emulsion given in wet mash or soaked oats in the cases of colds and flu in chickens. An effective companion of Vapo-Spray.

4 oz. bottle 50c; 12 oz. bottle \$1.00; 32 oz. bottle \$2.00; ½ gallon bottle \$3.50.

LEE'S PERCH PAINT

An exceptionally effective and easily applied solution for killing lice. Simply brush it on perches before the poultry goes to roost.

½ pint 85c; 1 pint \$1.50; 1 quart \$2.50; ½ gallon \$4.00; 1 gallon \$7.00.

GIZZARD CAPSULES

The Gizzard Capsule is five times as effective as worm medicine given in feed and water. It is as easy to give as a pill. It carries the strong medicines in their full strength direct to the gizzard.

Adult Size—50 capsules 75c; 100 capsules \$1.25.

Pullet Size—50 capsules 50c; 100 capsules \$1.00.

Chick Size—50 capsules 40c; 100 capsules 75c.

GROUP-OVER

FOR COLDS IN POULTRY

Leading poultry raisers everywhere now use Group-Over, the over-night remedy. Use this famous remedy at the very first symptom of colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for flock prevention. Have a bottle ready to use when you need it. Price 50c; Large Size (3 times the 50c size) \$1.00.

Disinfect Poultry Houses With Carbola.



This famous tonic GETS THE EGGS no matter how cold or wet the weather. Easily given in the feed. Helps hens through the moult and starts pullets laying early. Don't feed loafing hens this winter needlessly but just give DON SUNG a trial. Guaranteed.

TABLET FORM	POWDERED FORM
50s Size (This is the Trial Guaranteed Size).	3 lbs.\$ 5
\$1 Size (3 times 50c Size)	10 lbs. ....\$10
\$5 Size (6 times \$1 Size)	25 lbs. ....\$20
	50 lbs.\$35

AVICOL

The Wonder Remedy for White Diarrhea or Cholera in chicks, and Black-Head in Turkeys. Does work in 48 hours. For years, poultry raisers have saved their sick chicks by keeping Avicol in the drinking water. It is a bowel antiseptic which makes chickens healthy. Costs less than a cent a day for an ordinary flock. Guaranteed. Price 50c; Large Size (Almost 3 times as much) \$1.00.

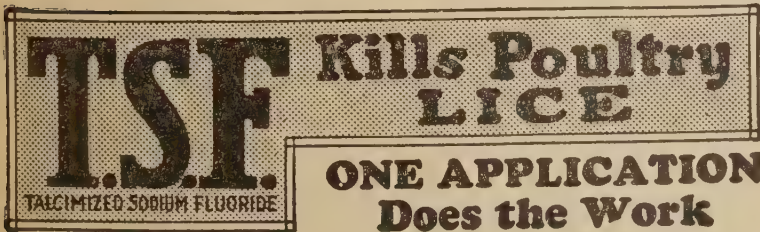
PAN-A-MIN

Dr. Hess Poultry Pan-A-Min is a product of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth and in maintaining health. A remedy known among poultry raisers for over 30 years. 1½-lb. pkg. 35c; 3 lbs. 60c; 7 lbs. \$1.25; 15 lbs. \$2.40; 25 lbs. \$3.50. Add Postage.

DR. HESS POULTRY WORM POWDER

One dose entirely effective against round worms given in mash. No fasting before or laxative after treatment. It is odorless and tasteless. No effect on feed consumption. Does not interfere with egg production.

1000 Bird size—2½ lbs.	\$5.40
500 Bird size—1¼ lbs.	3.00
250 Bird size—10 oz.	1.90
100 Bird size—4 oz.	.90
50 Bird size—2 oz.	.50



T. S. F. kills both old and young lice, including the lice that hatch from the eggs present at time of treatment. Easily given by pinch method, dip or dusting. Specially processed. Adheres to the plumage. Non-irritating. One application lasts an entire season. Packed in special shaker-top cans with Government's directions for using.

35c Size (enough for 50 birds): Twice the 35c Size, 60c; Five times the 60c Size (Economy Size), \$2.50.

DR. HESS IMPROVED STOCK TONIC

Keep your stock in good condition by using Dr. Hess Stock Tonic to supply the tonic and mineral supplement they require and to improve their appetite. When you use Dr. Hess Improved Stock Tonic you do not need any other supplementary minerals. 1½ lbs. 35c; 3 lbs. 60c; 7 lbs. \$1.25; 15 lbs. \$2.40. Not postpaid.

DR. HESS COXITROL

An aid in the control and treatment of Bloody (Cecal) Coccidiosis in poultry. Coccidiosis is particularly apt to strike during spells of warm rainy weather. Coxitrol must be administered in the poultry mash. 1 lb. 80c; 5 lbs. \$3.50; 10 lbs. \$6.50. Not postpaid.

DR. HESS INHALANT

An aid in expelling mucous from the upper respiratory tract and treating minor bronchial irritations. Confine the birds in a small space and spray over them. Repeat the treatment at one to three-hour intervals during the day and at least once after the birds have settled down at night. 4-ounce bottle 65c; 8-ounce, \$1.10; 1 pint \$1.85. Not postpaid.

LEE'S TONAX

A tonic and conditioner for chickens and turkeys. The proper use of Tonax may be valuable in avoiding unseasonal slumps in egg production, or help to increase production at a time when egg prices are high. Mix Tonax in the poultry mash only. 12-ounce 30c; 2 lbs. 75c; 6 lbs. \$2.00; 25 lbs. \$7.50. Not postpaid.

DR. HESS NICOZINE POWDER

A combination of Dr. Hess Poultry Worm Powder and Ptz. for the removal of large round worms and cecal worms from poultry. It is not necessary to fast birds before or to give a laxative after treatment. Expulsion of the worms starts in a few hours and is usually completed within three days. 50-bird size 50c; 100-bird size 90c; 250-bird size \$1.90; 1,000-bird size \$5.40. Not postpaid.

NICOZINE TABLETS

1000 Tablet size	\$6.50
250 Tablet size	2.00
100 Tablet size	1.00
40 Tablet size	.50

LEE'S ACIDOX

Treatment of Coccidiosis: Add one tablespoonful of Acidox to each gallon of clean drinking water every other day for two weeks. On days in between when Acidox is not used, add Germozone to the drinking water, one tablespoonful to each gallon. Acidox may be used in above proportions at any time in the drinking water of chickens and turkeys without harm. 4-ounce bottle 50c; 12-ounce bottle \$1.00; 32-ounce bottle \$2.00; ½-gallon bottle \$3.50. Not postpaid.

INSTANT LOUSE KILLER

Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumbers, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in shaker top cans. 1-lb. pkg. 30c; 2½-lb. pkg. 65c.

VEGETABLE SEED PLANTING CHART

KIND OF SEED	Time to Plant Outdoors	Distance for Plants		Seed Required	Ready to Use
		Bet. Rows	In the Row	Row	
ASPARAGUS.....	February to April.....	5 to 6 ft.	18 to 24 in.	1 oz. to 40 ft.....	2nd Spring
BEANS, Bush.....	April, May and June..	2 to 3 ft.	3 to 4 in.	1 lb. to 150 ft.....	40 to 65 days
BEANS, Pole.....	April, May and June..	4 ft.	2½ to 3 ft.	1 lb. to 125 hills.....	70 to 90 days
BEANS, Lima.....	May and June.....	2 to 4 ft.	10 to 36 in.	1 lb. to 80 hills.....	90 to 130 days
BEETS, Table.....	March to July.....	14 to 20 in.	2 to 4 in.	1 oz. to 75 ft.....	45 to 60 days
BROCCOLI*.....	June to August.....	24 to 30 in.	14 to 18 in.	1 oz. to 1500 plants...	120 to 150 days
BRUSSEL SPROUTS*....	April to June.....	30 to 36 in.	18 to 24 in.	1 oz. to 2000 plants...	100 to 120 days
CABBAGE, Early*.....	February to April.....	30 to 36 in.	16 to 24 in.	1 oz. to 2000 plants...	90 to 110 days
CABBAGE, Late*.....	May and June.....	36 to 42 in.	24 to 30 in.	1 oz. to 2000 plants...	110 to 120 days
CARROTS.....	April to July.....	12 to 24 in.	2 to 3 in.	1 oz. to 120 ft.....	55 to 80 days
CAULIFLOWER*.....	March to June.....	3 to 4 ft.	24 to 30 in.	1 oz. to 1500 plants...	95 to 110 days
CELERY*.....	April to July.....	18 to 36 in.	6 to 10 in.	1 oz. to 8000 plants...	120 to 150 days
CHICORY.....	March to May, Sept....	16 to 20 in.	6 to 8 in.	1 oz. to 200 ft.....	90 to 120 days
CHIVES.....	April and May.....	12 to 18 in.	4 to 6 in.	1 oz. to 125 ft.....	125 to 150 days
SWEET CORN.....	April to June.....	36 to 42 in.	9 to 12 in.	1 lb. to 100 hills.....	55 to 90 days
CRESS.....	Feb. to May, Sept....	12 to 18 in.	4 to 6 in.	1 oz. to 250 ft.....	45 to 60 days
CUCUMBER.....	April to July.....	4 to 6 ft.	10 to 12 in.	1 oz. to 75 hills.....	50 to 75 days
EGG PLANT*.....	April and May.....	24 to 30 in.	18 to 24 in.	1 oz. to 1500 plants...	125 to 140 days
ENDIVE.....	May and June.....	18 to 20 in.	10 to 12 in.	1 oz. to 125 ft.....	90 to 100 days
KALE.....	Mar. and Apr., Aug....	18 to 24 in.	12 to 18 in.	1 oz. to 1000 plants...	55 to 60 days
KOHL RABI.....	March to May.....	16 to 24 in.	6 to 8 in.	1 oz. to 300 ft.....	50 to 70 days
LEEK.....	May to June.....	14 to 20 in.	4 to 6 in.	1 oz. to 150 ft.....	120 to 150 days
LETTUCE, Leaf.....	March to September..	12 to 18 in.	4 to 6 in.	1 oz. to 200 ft.....	40 to 70 days
LETTUCE, Head.....	February to August....	12 to 16 in.	12 to 14 in.	1 oz. to 2000 plants...	70 to 90 days
MUSKMELON.....	April to June.....	6 to 8 ft.	4 to 6 ft.	1 oz. to 40 hills.....	90 to 150 days
WATERMELON.....	May and June.....	8 to 12 ft.	6 to 10 ft.	1 oz. to 25 hills.....	100 to 160 days
MUSTARD.....	March to May, Sept....	12 to 18 in.	2 to 3 in.	1 oz. to 200 ft.....	60 to 90 days
OKRA*.....	April to May.....	2½ to 3 ft.	18 to 24 in.	1 oz. to 250 plants....	70 to 90 days
ONION, Seed.....	April and May.....	12 to 18 in.	2 to 4 in.	1 oz. to 100 ft.....	125 to 150 days
ONION, Sets.....	October to May.....	12 to 18 in.	2 to 3 in.	1 lb. to 40 ft.....	50 to 70 days
PARSLEY.....	March to May, Sept....	18 to 24 in.	12 to 16 in.	1 oz. to 125 ft.....	65 to 90 days
PARSNIP.....	April to June.....	15 to 20 in.	2 to 4 in.	1 oz. to 100 ft.....	130 to 145 days
PEAS, Dwarf.....	Nov. & Feb. to June..	18 to 24 in.	1 to 2 in.	1 lb. to 100 ft.....	45 to 75 days
PEAS, Tall.....	Nov. & Feb. to June..	4 to 6 ft.	1 to 2 in.	1 lb. to 100 ft.....	60 to 90 days
PEPPER*.....	May and June.....	18 to 24 in.	14 to 16 in.	1 oz. to 1500 plants...	130 to 150 days
POTATOES, Irish.....	March to June.....	24 to 36 in.	14 to 18 in.	1 lb. to 15 ft.....	90 to 150 days
PUMPKIN.....	May to July.....	8 to 12 ft.	6 to 8 ft.	1 oz. to 30 hills.....	75 to 90 days
RADISH.....	February to Sept.....	12 to 18 in.	1 to 2 in.	1 oz. to 80 ft.....	20 to 75 days
RUTABAGA.....	May and June.....	18 to 24 in.	6 to 8 in.	1 oz. to 125 ft.....	90 to 120 days
SALSIFY.....	March to May.....	18 to 24 in.	2 to 4 in.	1 oz. to 120 ft.....	120 to 150 days
SPINACH.....	Feb. to May, Sept....	12 to 18 in.	3 to 6 in.	1 oz. to 80 ft.....	45 to 60 days
SQUASH, Bush.....	April to June.....	3 to 4 ft.	3 to 4 ft.	1 oz. to 30 hills.....	65 to 70 days
SQUASH, Winter.....	May to July.....	10 to 12 ft.	8 to 10 ft.	1 oz. to 15 hills.....	120 to 140 days
SWISS CHARD.....	March to July.....	12 to 18 in.	4 to 8 in.	1 oz. to 85 ft.....	45 to 60 days
TOMATO*.....	April to June.....	3 to 4 ft.	2 to 3 ft.	1 oz. to 3000 plants...	125 to 150 days
TURNIP.....	March to August.....	12 to 15 in.	3 to 4 in.	1 oz. to 125 ft.....	45 to 90 days

* Planting dates shown for crops marked "*" are intended to be for setting plants into the garden. Seeds should be sown 40 to 60 days earlier, indoors or under glass.

Seed should be covered from three to five times its diameter. Press soil down firmly. Keep moist continuously.

The above chart gives between rows for hand cultivation; where horse or tractor is used the rows should be farther apart.

[illegible]

NOTE

10% DISCOUNT

on all flower and vegetable seed cash orders of \$1.50 or more received before February 15th (collections not included).

BUTZER'S SEED STORE

CORNER S. W. SECOND AVENUE AND MAIN STREET

PORTLAND 4, OREGON

Please forward the following order by (Express) (Parcel Post) (Freight).

Name	Amount Enclosed, \$.....
Street	Money Order
Post Office	Check
R. F. D.	Draft
State	Currency
Name of Station or Express Office.....	Stamps
	Date 194....

{ Due to the fact that some items may be short because of growing conditions, please check the following:
SUBSTITUTE ☐ DO NOT SUBSTITUTE ☐ }

All seeds etc. sold herewith will be supplied only under the terms stated in our catalog

Quantity	NAME OF ARTICLE WANTED	PRICE

AMOUNT CARRIED OVER

[illegible]

FROM

Butzer's Seed Store

1040 S. W. Second Avenue

PORTLAND 4, OREGON



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30¢

BUTZER'S "ROSE CITY"

30¢

Giant Spencer Sweet Pea Collection

This collection contains one each of following:

WELCOME
Scarlet**HIGHLANDER**
Clear Lavender**BONNIE BRIAR**
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Rich Pink**BURPEE'S BEST**
Giant White**SIMPLICITY**
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ZINNIAS

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PRIMROSE YELLOW**DREAM**
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REAL OLD ROSE**POLAR BEAR**
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1 Pkt. Beet—Detroit Dark Red
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 1 Pkt. Cucumber—Long Green
 1 Pkt. Lettuce—New York (Head)
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 1 Pkt. Peas—Blue Bantam (Bush)

1 Pkt. Parsnip—Hollow Crown
 1 Pkt. Radish—Sparkler
 1 Pkt. Radish—Icicle
 1 Pkt. Spinach—King of Denmark
 1 Pkt. Swiss Chard—Lucullus
 1 Pkt. Squash—Summer Crookneck
 1 Pkt. Turnip—Purple Top Wh. Globe

A \$1.40 VALUE for \$1.00, Postpaid 1st and 2nd zones

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